



***POWER & CONTROL
CABLE
CATALOG***

DEAR BUSINESS PARTNERS,

ZION COMMUNICATION is a professional signal products and security system products provider. We believe on investing and building strong R&D capabilities for new technology and innovation. We have a strong R&D team and skilled workers, also with the advanced machines and modern factories which can provide our customers with outstanding quality, service. Our company keep on investing other factories and build up strong cooperation with other companies too to provide whole products and systems in signal field and security systems to satisfy customers orders inquire.

ZION COMMUNICATION 's management and international sales teams are committed to our customers' utmost satisfaction. Our experienced team experts strives to service every inquiry, quote, and order quickly and efficiently, meeting and often exceeding customers' expectations.

ZION COMMUNICATION is keep on developing in healthy and reasonable speed, and welcome to be partners of us.

Best wishes,

A handwritten signature in black ink that reads "Michael". The signature is fluid and cursive, with a long vertical line extending downwards from the end of the name.

Michael Xsu

ZION
Communication
HELLOSIGNAL®





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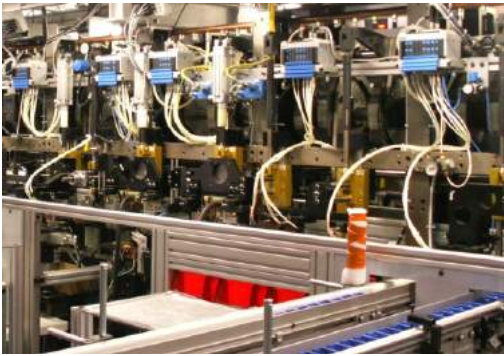
Factory And Production Equipment



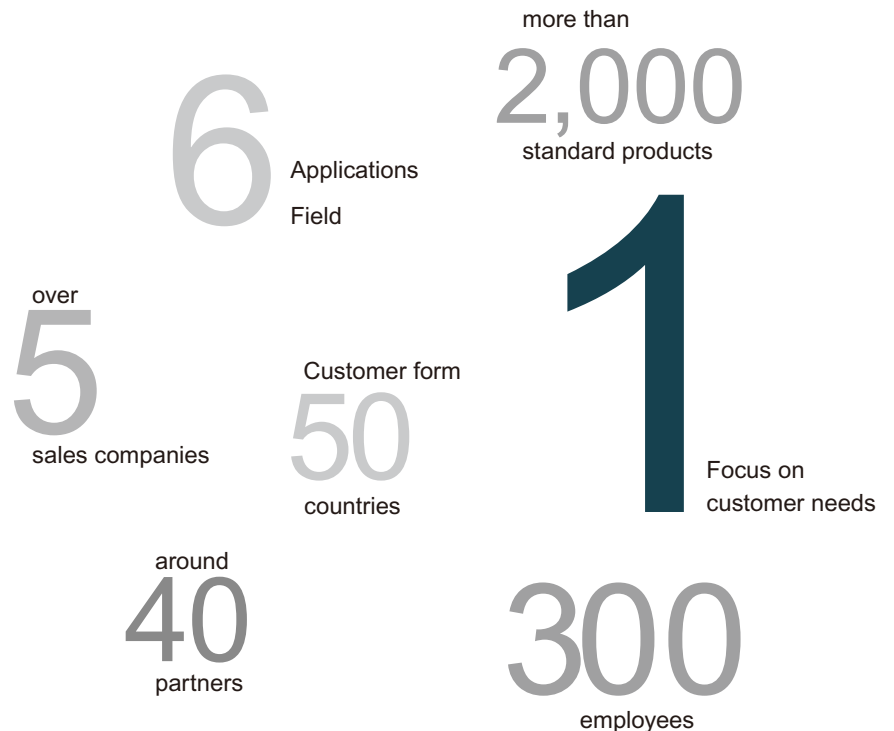
Quality Control

Consistent quality is the key to develop long-term business relationship; therefore ZION COMMUNICATION valued consistent quality throughout every phase of manufacturing process.

From raw materials to final products, we perform intense quality checks to maintain our product quality.



Since quality is the buzz word today & each customer/consumer wants it in totality. Our quality policy & work philosophy stresses towards total customer satisfaction. We have well defined interdepartmental as well as intra Departmental Network Blocks where complete monitoring of job works is done. A well trained staff/Dedicated sales /Excelled production force all strive continuously delivering better services to the customer. An ISO-9002 certification is an affidavit to it which consolidates our verdict for quality.





MAKING QUALITY A PRIORITY

Quality Control

A highlight of ZION COMMUNICATION is its emphasis on Quality Control, Quality Audit and Quality Assurance in the spheres of manufacturing activities and service, i.e. from RAW MATERIAL TO FINAL PRODUCTS to CUSTOMER SUPPORT SERVICES.

Electrolytic Copper & Aluminum ensures longer life for conductor. Bunching/twisting of ministrants as per international standards.
Proper annealing gives softness & flexibility.

Insulation -grade PVC stands high temperatures.
Higher DI-electric strength insulation used.
Weather proof sheathing/insulation material.
Grease/Oil resistant properties.
Voltage fluctuations don't affect.
Resistant to fire hazards.
Self fire-extinguishing & flame proof cables.
Rigid quality controls conforms to-specification.
Chemicals and microbiological attacks don't affect.
No damage due to severe bending while laying.
Immune to fluctuations in temperatures.
Fire Insurance approved.

Description Design

Cable with Copper / Aluminium Conductors PVC insulated colour coded cores laid extruded PVC inner sheathed overall PVC sheathed armored / unarmored cables.

Tests

Testing is a very important part of cable manufacture and all raw materials and finished cables must be thoroughly tested to ensure the quality of cables. ZION COMMUNICATION has a well equipped test fields and electrical, mechanical and chemical laboratories capable of carrying out all tests which are required as per relevant specifications. The most modern testing equipment is installed in these laboratories.





Description

ZION COMMUNICATION delivery high-performance cable applicable for computers, communications, instrumentation, sound, control, audio, data transmission, and many more applications. Including Flexible control cable, Chain Cable, SERVO Motor cables, Robotics Cable, hook up wire, high temperature cable and Flexible installation cable

The sensor/actuator range are signal cables, connecting automation systems end points (e.g., sensors) to the next layer (e.g. I/O devices). These applications require cables with high flexibility and resistance to tough industrial environments (e.g., oil, temperature variation, chemicals), low data rates and reliable quality.

Power and Control Cables

7140000 Sensor Cable

7141000 Flexible Control Cable

7144000 Flexible Installation Cable

7145000 Chain Cable

7146000 SERVO Motor Cables

7147000 Robotics Cables

7148000 Hook Up wire

7149000 High Temperature Cable



**CLOSE TO
CUSTOMERS**



Sensor Cable

PVC Sensor & Actuator Cable

Catalog No.	Spec.	Jacket	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
PVC Sensor & Actuator Cable NO.7140000	3*0.25mm ²	PVC	4.4	7	25
PVC Sensor & Actuator Cable NO.7140001	4*0.25mm ²	PVC	4.4	9.5	27
PVC Sensor & Actuator Cable NO.7140002	3*0.34mm ²	PVC	5.2	10	34
PVC Sensor & Actuator Cable NO.7140003	4*0.34mm ²	PVC	5.2	13.5	37
PVC Sensor & Actuator Cable NO.7140004	5*0.34mm ²	PVC	5.2	17	42

Sensor Cable

PUR Sensor & Actuator cables unshielded

Catalog No.	Spec.	Jacket	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
PUR Sensor & Actuator cables unshielded NO.7140050	3*0.14mm ²	PUR	2.9	3.7	
PUR Sensor & Actuator cables unshielded NO.7140051	4*0.14mm ²	PUR	3.5	5	
PUR Sensor & Actuator cables unshielded NO.7140052	3*0.25mm ²	PUR	4.4	6.9	23.5
PUR Sensor & Actuator cables unshielded NO.7140053	4*0.25mm ²	PUR	4.7	9.3	25
PUR Sensor & Actuator cables unshielded NO.7140054	6*0.25mm ²	PUR	5.1	13.8	
PUR Sensor & Actuator cables unshielded NO.7140055	8*0.25mm ²	PUR	6	18.5	



Sensor Cable

PUR Sensor & Actuator cables unshielded

Catalog No.	Spec.	Jacket	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
PUR Sensor & Actuator cables unshielded NO.7140056	10*0.25mm ²	PUR	6.3	23.1	
PUR Sensor & Actuator cables unshielded NO.7140057	12*0.25mm ²	PUR	6.4	27.8	
PUR Sensor & Actuator cables unshielded NO.7140058	14*0.25mm ²	PUR	7.2	32.4	
PUR Sensor & Actuator cables unshielded NO.7140059	3*0.34mm ²	PUR	4.3	9.1	33
PUR Sensor & Actuator cables unshielded NO.7140060	4*0.34mm ²	PUR	4.7	12.1	35
PUR Sensor & Actuator cables unshielded NO.7140061	5*0.34mm ²	PUR	5.1	15.1	40
PUR Sensor & Actuator cables unshielded NO.7140062	6*0.34mm ²	PUR	6	18.2	
PUR Sensor & Actuator cables unshielded NO.7140063	3*0.50mm ²	PUR	4.6	13.9	
PUR Sensor & Actuator cables unshielded NO.7140064	5*0.50mm ²	PUR	5.4	23.1	





Sensor Cable

PUR Sensor & Actuator cables shielded

Catalog No.	Spec.	Jacket	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
PUR Sensor & Actuator cables Shielded NO.7140070	3*0.14mm ²	PUR	3.1	3.7	
PUR Sensor & Actuator cables Shielded NO.7140071	4*0.14mm ²	PUR	3.7	5	
PUR Sensor & Actuator cables Shielded NO.7140072	3*0.25mm ²	PUR	4.6	6.9	23.5
PUR Sensor & Actuator cables Shielded NO.7140073	4*0.25mm ²	PUR	4.9	9.3	25
PUR Sensor & Actuator cables Shielded NO.7140074	6*0.25mm ²	PUR	5.3	13.8	
PUR Sensor & Actuator cables Shielded NO.7140075	8*0.25mm ²	PUR	6.2	18.5	
PUR Sensor & Actuator cables Shielded NO.7140076	10*0.25mm ²	PUR	6.5	23.1	
PUR Sensor & Actuator cables Shielded NO.7140077	12*0.25mm ²	PUR	6.6	27.8	
PUR Sensor & Actuator cables Shielded NO.7140078	14*0.25mm ²	PUR	7.4	32.4	
PUR Sensor & Actuator cables Shielded NO.7140079	3*0.34mm ²	PUR	4.5	9.1	33





Sensor Cable

PUR Sensor & Actuator cables shielded

Catalog No.	Spec.	Jacket	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
PUR Sensor & Actuator cables Shielded NO.7140080	4*0.34mm ²	PUR	4.9	12.1	35
PUR Sensor & Actuator cables Shielded NO.7140081	5*0.34mm ²	PUR	5.3	15.1	40
PUR Sensor & Actuator cables Shielded NO.7140082	6*0.34mm ²	PUR	6.2	18.2	
PUR Sensor & Actuator cables Shielded NO.7140083	3*0.50mm ²	PUR	4.8	13.9	
PUR Sensor & Actuator cables Shielded NO.7140084	5*0.50mm ²	PUR	5.6	23.1	

Sensor Cable

FP Cable or Air Guider Cable

Catalog No.	Spec.	Jacket	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
FP Cable or Air Guider Cable NO.7140090	4*0.12mm ²	7/0.15	1.0/2.2	1.2	7.3
FP Cable or Air Guider Cable NO.7140091	4*0.20mm ²	7/0.20	1.0/2.2	1.4	7.3
FP Cable or Air Guider Cable NO.7140092	5*0.12mm ²	7/0.15	1.0/2.2	1.2	7.3
FP Cable or Air Guider Cable NO.7140093	5*0.20mm ²	7/0.20	1.0/2.2	1.4	7.3





Sensor Cable

PUR Sensor & Actuator cables shielded

Catalog No.	Spec.	Jacket	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
FP Cable or Air Guider Cable NO.7140094	6*0.12mm ²	7/0.15	1.0/2.2	1.2	7.3
FP Cable or Air Guider Cable NO.7140095	6*0.20mm ²	7/0.20	1.0/2.2	1.4	7.3
FP Cable or Air Guider Cable NO.7140096	8*0.12mm ²	7/0.15	1.0/2.2	1.2	7.3
FP Cable or Air Guider Cable NO.7140097	8*0.20mm ²	7/0.20	1.0/2.2	1.4	7.3

Flexible Control Cable

HELLOSIGNAL190

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)
20 AWG (0.50 mm²)				
HELLOSIGNAL190/190 NO.7141000	2	0.253	7	40
HELLOSIGNAL190/190 NO.7141001	3	0.265	10	42
HELLOSIGNAL190/190 NO.7141002	4	0.285	13	51
HELLOSIGNAL190/190 NO.7141003	5	0.308	17	60
HELLOSIGNAL190/190 NO.7141004	7	0.331	23	82
HELLOSIGNAL190/190 NO.7141005	9	0.409	30	100





Flexible Control Cable

HELLOSIGNAL190

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL190/190 NO.7141006	12	0.421	39	168	
HELLOSIGNAL190/190 NO.7141007	18	0.487	59	198	
HELLOSIGNAL190/190 NO.7141008	25	0.586	82	242	
18 AWG (1.00 mm²)					
HELLOSIGNAL190/190 NO.7141010	2	0.277	13	42	
HELLOSIGNAL190/190 NO.7141011	3	0.291	20	44	
HELLOSIGNAL190/190 NO.7141012	4	0.314	26	55	
HELLOSIGNAL190/190 NO.7141013	5	0.340	33	64	
HELLOSIGNAL190/190 NO.7141014	7	0.367	46	84	
HELLOSIGNAL190/190 NO.7141015	9	0.454	59	119	
HELLOSIGNAL190/190 NO.7141016	12	0.471	79	141	
HELLOSIGNAL190/190 NO.7141017	18	0.579	118	207	
HELLOSIGNAL190/190 NO.7141018	25	0.656	164	278	





Flexible Control Cable

HELLOSIGNAL190

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL190/190 NO.7141019	34	0.761	206	575	
HELLOSIGNAL190/190 NO.7141020	41	0.873	250	680	
HELLOSIGNAL190/190 NO.7141021	50	0.927	305	825	
16 AWG (1.50 mm²)					
HELLOSIGNAL190/190 NO.7141030	2	0.303	20	57	
HELLOSIGNAL190/190 NO.7141031	3	0.319	29	62	
HELLOSIGNAL190/190 NO.7141032	4	0.345	39	75	
HELLOSIGNAL190/190 NO.7141033	5	0.375	49	90	
HELLOSIGNAL190/190 NO.7141034	7	0.406	68	121	
HELLOSIGNAL190/190 NO.7141035	9	0.509	88	274	
HELLOSIGNAL190/190 NO.7141036	12	0.557	112	209	
HELLOSIGNAL190/190 NO.7141037	18	0.644	175	298	
HELLOSIGNAL190/190 NO.7141038	25	0.733	242	417	
HELLOSIGNAL190/190 NO.7141039	34	0.892	296	760	



Flexible Control Cable

HELLOSIGNAL190

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)
16 AWG (1.50 mm²)				
HELLOSIGNAL190/190 NO.7141040	41	0.974	357	875
HELLOSIGNAL190/190 NO.7141041	50	1.036	437	120
HELLOSIGNAL190/190 NO.7141042	61	1.098	530	1180
14 AWG (2.50 mm²)				
HELLOSIGNAL190/190 NO.7141050	2	0.337	33	88
HELLOSIGNAL190/190 NO.7141051	3	0.356	49	93
HELLOSIGNAL190/190 NO.7141052	4	0.386	65	121
HELLOSIGNAL190/190 NO.7141053	5	0.421	81	145
HELLOSIGNAL190/190 NO.7141054	7	0.457	113	192
HELLOSIGNAL190/190 NO.7141055	9	0.609	145	317
HELLOSIGNAL190/190 NO.7141056	12	0.628	194	401
HELLOSIGNAL190/190 NO.7141057	18	0.729	290	575
HELLOSIGNAL190/190 NO.7141058	25	0.872	404	860





Flexible Control Cable

HELLOSIGNAL190

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
12 AWG (4.00 mm²)					
HELLOSIGNAL190/190 NO.7141060	3	0.417	78	156	
HELLOSIGNAL190/190 NO.7141061	4	0.454	104	198	
HELLOSIGNAL190/190 NO.7141062	5	0.497	129	238	
HELLOSIGNAL190/190 NO.7141063	7	0.573	181	363	
HELLOSIGNAL190/190 NO.7141064	11	0.745	284	397	
10 AWG (6.00 mm²)					
HELLOSIGNAL190/190 NO.7141065	3	0.466	116	223	
HELLOSIGNAL190/190 NO.7141066	4	0.509	155	267	
HELLOSIGNAL190/190 NO.7141067	5	0.590	194	322	
8 AWG (10.00 mm²)					
HELLOSIGNAL190/190 NO.7141068	4	0.664	258	436	
HELLOSIGNAL190/190 NO.7141069	5	0.728	323	525	
6 AWG (16.00 mm²)					
HELLOSIGNAL190/190 NO.7141070	4	0.870	413	699	
HELLOSIGNAL190/190 NO.7141071	5	0.955	516	842	



Flexible Control Cable

HELLOSIGNAL190

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
4 AWG (25.00 mm²)					
HELLOSIGNAL190/190 NO.7141072	4	1.005	515	950	
HELLOSIGNAL190/190 NO.7141073	5	1.105	645	1200	
2 AWG (35.00 mm²)					
HELLOSIGNAL190/190 NO.7141074	4	1.178	876	1405	
HELLOSIGNAL190/190 NO.7141075	5	1.300	1129	1752	

Flexible Control Cable

HELLOSIGNAL190 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL190/190 CY NO.7141100	2	0.329	25	66	
HELLOSIGNAL190/190 CY NO.7141101	3	0.341	30	82	
HELLOSIGNAL190/190 CY NO.7141102	4	0.361	35	88	
HELLOSIGNAL190/190 CY NO.7141103	5	0.384	41	99	
HELLOSIGNAL190/190 CY NO.7141104	7	0.407	51	112	



Flexible Control Cable

HELLOSIGNAL190 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL190/190 CY NO.7141105	12	0.497	73	181	
HELLOSIGNAL190/190 CY NO.7141106	25	0.678	139	295	
18 AWG (1.00 mm²)					
HELLOSIGNAL190/190 CY NO.7141110	2	0.353	28	75	
HELLOSIGNAL190/190 CY NO.7141111	3	0.367		40	
HELLOSIGNAL190/190 CY NO.7141112	4	0.390	48	106	
HELLOSIGNAL190/190 CY NO.7141113	5	0.416	57	123	
HELLOSIGNAL190/190 CY NO.7141114	7	0.443	94	139	
HELLOSIGNAL190/190 CY NO.7141115	12	0.586	153	229	
HELLOSIGNAL190/190 CY NO.7141116	18	0.678	216	317	
HELLOSIGNAL190/190 CY NO.7141117	25	0.764	226	436	





Flexible Control Cable

HELLOSIGNAL190 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL190/190 CY NO.7141120	3	0.395	52	115	
HELLOSIGNAL190/190 CY NO.7141121	4	0.421	66	128	
HELLOSIGNAL190/190 CY NO.7141122	5	0.451	76	150	
HELLOSIGNAL190/190 CY NO.7141123	7	0.482	98	181	
HELLOSIGNAL190/190 CY NO.7141124	12	0.656	167	311	
HELLOSIGNAL190/190 CY NO.7141125	18	0.743	235	456	
HELLOSIGNAL190/190 CY NO.7141126	25	0.888	313	639	
14 AWG (2.50 mm²)					
HELLOSIGNAL190/190 CY NO.7141130	3	0.432	75	148	
HELLOSIGNAL190/190 CY NO.7141131	4	0.462	93	181	
HELLOSIGNAL190/190 CY NO.7141132	5	0.497	115	218	
HELLOSIGNAL190/190 CY NO.7141133	7	0.533	147	282	
HELLOSIGNAL190/190 CY NO.7141134	12	0.727	253	516	
HELLOSIGNAL190/190 CY NO.7141135	18	0.884	361	741	



Flexible Control Cable

HELLOSIGNAL190 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
12 AWG (4.00 mm²)					
HELLOSIGNAL190/190 CY NO.7141140	3	0.500	124	227	
HELLOSIGNAL190/190 CY NO.7141141	4	0.585	154	311	
HELLOSIGNAL190/190 CY NO.7141142	5	0.628	180	359	
HELLOSIGNAL190/190 CY NO.7141143	7	0.672	234	494	
10 AWG (6.00 mm²)					
HELLOSIGNAL190/190 CY NO.7141150	3	0.565	164	311	
HELLOSIGNAL190/190 CY NO.7141151	4	0.608	208	386	
HELLOSIGNAL190/190 CY NO.7141152	5	0.689	255	474	
HELLOSIGNAL190/190 CY NO.7141153	7	0.740	335	639	
8 AWG (10.00 mm²)					
HELLOSIGNAL190/190 CY NO.7141154	4	0.763	324	574	
6 AWG (16.00 mm²)					
HELLOSIGNAL190/190 CY NO.7141155	4	0.994	494	1115	





Flexible Control Cable

HELLOSIGNAL150

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL150/150 CY NO.7141200	3	0.244	10	42	
HELLOSIGNAL150/150 CY NO.7141201	4	0.268	13	46	
HELLOSIGNAL150/150 CY NO.7141202	5	0.291	17	59	
HELLOSIGNAL150/150 CY NO.7141203	7	0.354	23	80	
HELLOSIGNAL150/150 CY NO.7141204	12	0.437	39	133	
HELLOSIGNAL150/150 CY NO.7141205	18	0.559	58	220	
HELLOSIGNAL150/150 CY NO.7141206	25	0.630	81	256	
19 AWG (0.75 mm²)					
HELLOSIGNAL150/150 CY NO.7141210	3	0.264	15	51	
HELLOSIGNAL150/150 CY NO.7141211	4	0.283	20	56	
HELLOSIGNAL150/150 CY NO.7141212	5	0.319	25	76	
HELLOSIGNAL150/150 CY NO.7141213	7	0.390	34	97	
HELLOSIGNAL150/150 CY NO.7141214	12	0.472	58	165	



Flexible Control Cable

HELLOSIGNAL150

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
19 AWG (0.75 mm²)					
HELLOSIGNAL150/150 CY NO.7141215	18	0.567	87		
HELLOSIGNAL150/150 CY NO.7141216	25	0.673	121	313	
18 AWG (1.00 mm²)					
HELLOSIGNAL150/150 CY NO.7141220	3	0.276	20	53	
HELLOSIGNAL150/150 CY NO.7141221	4	0.307	26	67	
HELLOSIGNAL150/150 CY NO.7141222	5	0.339	33	89	
HELLOSIGNAL150/150 CY NO.7141223	7	0.409	46	114	
HELLOSIGNAL150/150 CY NO.7141224	12	0.504	78	192	
HELLOSIGNAL150/150 CY NO.7141225	18	0.594	117	272	
HELLOSIGNAL150/150 CY NO.7141226	25	0.709	162	383	
16 AWG (1.50 mm²)					
HELLOSIGNAL150/150 CY NO.7141230	3	0.319	29	74	
HELLOSIGNAL150/150 CY NO.7141231	4	0.350	39	97	





Flexible Control Cable

HELLOSIGNAL150

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL150/150 CY NO.7141232	5	0.394	49	113	
HELLOSIGNAL150/150 CY NO.7141233	7	0.484	68	151	
HELLOSIGNAL150/150 CY NO.7141234	12	0.594	117	243	
HELLOSIGNAL150/150 CY NO.7141235	18	0.701	175	348	
HELLOSIGNAL150/150 CY NO.7141236	25	0.846	242	491	
14 AWG (2.50 mm²)					
HELLOSIGNAL150/150 CY NO.7141240	3	0.390	49	114	
HELLOSIGNAL150/150 CY NO.7141241	4	0.421	65	141	
HELLOSIGNAL150/150 CY NO.7141242	5	0.476	81	173	
HELLOSIGNAL150/150 CY NO.7141243	7	0.571	113	229	
HELLOSIGNAL150/150 CY NO.7141244	12	0.697	194	390	
HELLOSIGNAL150/150 CY NO.7141245	18	0.843	291	571	
HELLOSIGNAL150/150 CY NO.7141246	25	1.016	404	784	



Flexible Control Cable

HELLOSIGNAL150 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL150/150 CY NO.7141250	3	0.374	52	97	
HELLOSIGNAL150/150 CY NO.7141251	4	0.398	54	121	
HELLOSIGNAL150/150 CY NO.7141252	5	0.437	64	136	
HELLOSIGNAL150/150 CY NO.7141253	7	0.516	80	183	
16 AWG (1.50 mm²)					
HELLOSIGNAL150/150 CY NO.7141255	3	0.413	57	107	
HELLOSIGNAL150/150 CY NO.7141256	4	0.445	64	142	
HELLOSIGNAL150/150 CY NO.7141257	5	0.496	82	162	
HELLOSIGNAL150/150 CY NO.7141258	7	0.587	97	205	





Flexible Control Cable

HELLOSIGNAL150 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
14 AWG (2.50 mm²)					
HELLOSIGNAL150/150 CY NO.7141260	3	0.465	81	164	
HELLOSIGNAL150/150 CY NO.7141261	4	0.516	115	198	
HELLOSIGNAL150/150 CY NO.7141262	5	0.575	138	245	
HELLOSIGNAL150/150 CY NO.7141263	7	0.681	162	322	

Flexible Control Cable

HELLOSIGNALCONTROL TM

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL CONTROLTM/ TM CY NO.7141400	3	0.291	20	55	
HELLOSIGNAL CONTROLTM/ TM CY NO.7141401	4	0.315	26	64	
HELLOSIGNAL CONTROLTM/ TM CY NO.7141402	5	0.340	33	75	
HELLOSIGNAL CONTROLTM/ TM CY NO.7141403	7	0.367	46	97	





Flexible Control Cable

HELLOSIGNALCONTROL™

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141404	9	0.423	59	108	
HELLOSIGNAL CONTROL™ / TM CY NO.7141405	12	0.471	79	165	
HELLOSIGNAL CONTROL™ / TM CY NO.7141406	18	0.579	118	245	
HELLOSIGNAL CONTROL™ / TM CY NO.7141407	19	0.579	124	262	
HELLOSIGNAL CONTROL™ / TM CY NO.7141408	25	0.656	164	311	
16 AWG (1.50 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141410	3	0.319	29	66	
HELLOSIGNAL CONTROL™ / TM CY NO.7141411	4	0.345	39	79	
HELLOSIGNAL CONTROL™ / TM CY NO.7141412	5	0.375	48	95	
HELLOSIGNAL CONTROL™ / TM CY NO.7141413	7	0.406	68	123	
HELLOSIGNAL CONTROL™ / TM CY NO.7141414	9	0.470	88	165	



Flexible Control Cable

HELLOSIGNALCONTROL™

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141415	12	0.557	116	214	
HELLOSIGNAL CONTROL™ / TM CY NO.7141416	18	0.644	175	289	
HELLOSIGNAL CONTROL™ / TM CY NO.7141417	19	0.644	184	293	
HELLOSIGNAL CONTROL™ / TM CY NO.7141418	25	0.733	242	311	
14 AWG (2.50 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141420	3	0.356	48	88	
HELLOSIGNAL CONTROL™ / TM CY NO.7141421	4	0.860	65	106	
HELLOSIGNAL CONTROL™ / TM CY NO.7141422	5	0.421	81	123	
HELLOSIGNAL CONTROL™ / TM CY NO.7141423	7	0.457	113	163	
HELLOSIGNAL CONTROL™ / TM CY NO.7141424	9	0.563	146	218	



Flexible Control Cable

HELLOSIGNALCONTROL™

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
14 AWG (2.50 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141425	12	0.628	194	298	
HELLOSIGNAL CONTROL™ / TM CY NO.7141426	19	0.729	307	450	
HELLOSIGNAL CONTROL™ / TM CY NO.7141427	25	0.872	404	569	
12 AWG (4.00 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141430	3	0.417	78	110	
HELLOSIGNAL CONTROL™ / TM CY NO.7141431	4	0.454	104	148	
HELLOSIGNAL CONTROL™ / TM CY NO.7141432	5	0.497	129	181	
HELLOSIGNAL CONTROL™ / TM CY NO.7141433	7	0.573	181	324	
HELLOSIGNAL CONTROL™ / TM CY NO.7141434	9	0.665	233	359	





Flexible Control Cable

HELLOSIGNALCONTROL TM

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
10 AWG (6.00 mm²)					
HELLOSIGNAL CONTROLTM / TM CY NO.7141435	3	0.492	117	194	
HELLOSIGNAL CONTROLTM / TM CY NO.7141436	4	0.570	155	256	
HELLOSIGNAL CONTROLTM / TM CY NO.7141437	5	0.623	194	306	
HELLOSIGNAL CONTROLTM / TM CY NO.7141438	7	0.678	271	430	
HELLOSIGNAL CONTROLTM / TM CY NO.7141439	9	0.791	349	549	

Flexible Control Cable

HELLOSIGNALCONTROL TM CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL CONTROLTM / TM CY NO.7141440	3	0.316	37	79	
HELLOSIGNAL CONTROLTM / TM CY NO.7141441	4	0.339	41	93	
HELLOSIGNAL CONTROLTM / TM CY NO.7141442	5	0.365	55	99	



Flexible Control Cable

HELLOSIGNALCONTROL™ CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141443	7	0.392	69	130	
HELLOSIGNAL CONTROL™ / TM CY NO.7141444	12	0.502	109	223	
HELLOSIGNAL CONTROL™ / TM CY NO.7141445	19	0.610	172	295	
HELLOSIGNAL CONTROL™ / TM CY NO.7141446	25	0.687	222	386	
16 AWG (1.50 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141450	3	0.344	44	97	
HELLOSIGNAL CONTROL™ / TM CY NO.7141451	4	0.370	60	117	
HELLOSIGNAL CONTROL™ / TM CY NO.7141452	5	0.400	72	128	
HELLOSIGNAL CONTROL™ / TM CY NO.7141453	7	0.437	94	165	
HELLOSIGNAL CONTROL™ / TM CY NO.7141454	12	0.588	151	287	



Flexible Control Cable

HELLOSIGNALCONTROL™ CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141455	19	0.675	227	326	
HELLOSIGNAL CONTROL™ / TM CY NO.7141456	25	0.764	305	476	
14 AWG (2.50 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141460	3	0.381	71	121	
HELLOSIGNAL CONTROL™ / TM CY NO.7141461	4	0.411	91	150	
HELLOSIGNAL CONTROL™ / TM CY NO.7141462	5	0.452	108	181	
HELLOSIGNAL CONTROL™ / TM CY NO.7141463	7	0.488	143	220	
HELLOSIGNAL CONTROL™ / TM CY NO.7141464	12	0.659	246	399	
HELLOSIGNAL CONTROL™ / TM CY NO.7141465	19	0.760	369	527	
HELLOSIGNAL CONTROL™ / TM CY NO.7141466	25	0.903	474	705	



Flexible Control Cable

HELLOSIGNALCONTROL™ CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
12 AWG 4.00 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141470	3	0.448	104	161	
HELLOSIGNAL CONTROL™ / TM CY NO.7141471	4	0.485	133	212	
HELLOSIGNAL CONTROL™ / TM CY NO.7141472	5	0.560	163	260	
HELLOSIGNAL CONTROL™ / TM CY NO.7141473	7	0.604	217	452	
10 AWG 6.00 mm²)					
HELLOSIGNAL CONTROL™ / TM CY NO.7141475	3	0.555	150	271	
HELLOSIGNAL CONTROL™ / TM CY NO.7141476	4	0.601	191	370	
HELLOSIGNAL CONTROL™ / TM CY NO.7141477	5	0.654	245	412	
HELLOSIGNAL CONTROL™ / TM CY NO.7141478	7	0.709	330	575	





Flexible Control Cable

HELLOSIGNAL490 P

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL 490 P / 490 CP NO.7141600	2	0.450	7	35	
HELLOSIGNAL 490 P / 490 CP NO.7141601	3	0.256	10	40	
HELLOSIGNAL 490 P / 490 CP NO.7141602	4	0.274	13	46	
HELLOSIGNAL 490 P / 490 CP NO.7141603	5	0.293	17	53	
HELLOSIGNAL 490 P / 490 CP NO.7141604	7	0.313	23	66	
HELLOSIGNAL 490 P / 490 CP NO.7141605	9	0.355	30	82	
HELLOSIGNAL 490 P / 490 CP NO.7141606	12	0.401	38	106	
HELLOSIGNAL 490 P / 490 CP NO.7141607	18	0.459	59	139	
HELLOSIGNAL 490 P / 490 CP NO.7141608	25	0.534	79	176	



Flexible Control Cable

HELLOSIGNAL490 P

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL 490 P / 490 CP NO.7141610	2	0.269	13	44	
HELLOSIGNAL 490 P / 490 CP NO.7141611	3	0.281	20	51	
HELLOSIGNAL 490 P / 490 CP NO.7141612	4	0.303	26	64	
HELLOSIGNAL 490 P / 490 CP NO.7141613	5	0.325	31	75	
HELLOSIGNAL 490 P / 490 CP NO.7141614	7	0.349	46	93	
HELLOSIGNAL 490 P / 490 CP NO.7141615	9	0.399	59	119	
HELLOSIGNAL 490 P / 490 CP NO.7141616	12	0.451	79	143	
HELLOSIGNAL 490 P / 490 CP NO.7141617	18	0.519	118	203	
HELLOSIGNAL 490 P / 490 CP NO.7141618	25	0.607	164	264	



Flexible Control Cable

HELLOSIGNAL490 P

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL 490 P / 490 CP NO.7141620	2	0.295	20	53	
HELLOSIGNAL 490 P / 490 CP NO.7141621	3	0.310	29	64	
HELLOSIGNAL 490 P / 490 CP NO.7141622	4	0.333	39	77	
HELLOSIGNAL 490 P / 490 CP NO.7141623	5	0.360	48	90	
HELLOSIGNAL 490 P / 490 CP NO.7141624	7	0.388	68	115	
HELLOSIGNAL 490 P / 490 CP NO.7141625	9	0.446	88	141	
HELLOSIGNAL 490 P / 490 CP NO.7141626	12	0.496	117	179	
HELLOSIGNAL 490 P / 490 CP NO.7141627	18	0.574	175	253	
HELLOSIGNAL 490 P / 490 CP NO.7141628	25	0.654	242	335	



Flexible Control Cable

HELLOSIGNAL490 P

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
14 AWG (2.50 mm²)					
HELLOSIGNAL 490 P / 490 CP NO.7141630	2	0.329	33	66	
HELLOSIGNAL 490 P / 490 CP NO.7141631	3	0.347	49	75	
HELLOSIGNAL 490 P / 490 CP NO.7141632	4	0.374	65	108	
HELLOSIGNAL 490 P / 490 CP NO.7141633	5	0.406	81	121	
HELLOSIGNAL 490 P / 490 CP NO.7141634	7	0.439	113	170	
HELLOSIGNAL 490 P / 490 CP NO.7141635	9	0.507	146	194	
HELLOSIGNAL 490 P / 490 CP NO.7141636	12	0.567	194	238	
HELLOSIGNAL 490 P / 490 CP NO.7141637	18	0.659	290	357	
HELLOSIGNAL 490 P / 490 CP NO.7141638	25	0.754	404	474	





Flexible Control Cable

HELLOSIGNAL490 CP

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL 490 P / 490 CP NO.7141640	2	0.270	19	46	
HELLOSIGNAL 490 P / 490 CP NO.7141641	3	0.281	24	55	
HELLOSIGNAL 490 P / 490 CP NO.7141642	4	0.299	27	66	
HELLOSIGNAL 490 P / 490 CP NO.7141643	5	0.318	33	73	
HELLOSIGNAL 490 P / 490 CP NO.7141644	7	0.338	40	84	
HELLOSIGNAL 490 P / 490 CP NO.7141645	9	0.380	53	104	
HELLOSIGNAL 490 P / 490 CP NO.7141646	12	0.426	69	117	
HELLOSIGNAL 490 P / 490 CP NO.7141647	18	0.490	90	163	
HELLOSIGNAL 490 P / 490 CP NO.7141648	25	0.565	119	214	



Flexible Control Cable

HELLOSIGNAL490 CP

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL 490 P / 490 CP NO.7141650	2	0.294	28	62	
HELLOSIGNAL 490 P / 490 CP NO.7141651	3	0.306	35	71	
HELLOSIGNAL 490 P / 490 CP NO.7141652	4	0.328	44	82	
HELLOSIGNAL 490 P / 490 CP NO.7141653	5	0.350	51	95	
HELLOSIGNAL 490 P / 490 CP NO.7141654	7	0.374	70	117	
HELLOSIGNAL 490 P / 490 CP NO.7141655	9	0.424	89	139	
HELLOSIGNAL 490 P / 490 CP NO.7141656	12	0.473	110	176	
HELLOSIGNAL 490 P / 490 CP NO.7141657	18	0.540	155	240	
HELLOSIGNAL 490 P / 490 CP NO.7141658	25	0.609	218	311	





Flexible Control Cable

HELLOSIGNAL490 CP

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL 490 P / 490 CP NO.7141660	2	0.320	43	73	
HELLOSIGNAL 490 P / 490 CP NO.7141661	3	0.335	50	82	
HELLOSIGNAL 490 P / 490 CP NO.7141662	4	0.358	60	97	
HELLOSIGNAL 490 P / 490 CP NO.7141663	5	0.385	76	112	
HELLOSIGNAL 490 P / 490 CP NO.7141664	7	0.413	98	137	
HELLOSIGNAL 490 P / 490 CP NO.7141665	9	0.477	122	170	
HELLOSIGNAL 490 P / 490 CP NO.7141666	12	0.527	156	216	
HELLOSIGNAL 490 P / 490 CP NO.7141667	18	0.605	231	295	
HELLOSIGNAL 490 P / 490 CP NO.7141668	25	0.685	307	384	



Flexible Control Cable

HELLOSIGNAL590 P

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL 590 P / 590 CP NO.7141800	2	0.293	13	44	
HELLOSIGNAL 590 P / 590 CP NO.7141801	3	0.308	19	51	
HELLOSIGNAL 590 P / 590 CP NO.7141802	4	0.332	25	64	
HELLOSIGNAL 590 P / 590 CP NO.7141803	5	0.357	31	77	
HELLOSIGNAL 590 P / 590 CP NO.7141804	7	0.390	44	95	
16 AWG (1.50 mm²)					
HELLOSIGNAL 590 P / 590 CP NO.7141810	2	0.315	18	51	
HELLOSIGNAL 590 P / 590 CP NO.7141811	3	0.331	26	64	
HELLOSIGNAL 590 P / 590 CP NO.7141812	4	0.357	39	77	
HELLOSIGNAL 590 P / 590 CP NO.7141813	5	0.387	44	90	
HELLOSIGNAL 590 P / 590 CP NO.7141814	7	0.418	62	115	





Flexible Control Cable

HELLOSIGNAL590 P

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
14 AWG (2.50 mm²)					
HELLOSIGNAL 590 P / 590 CP NO.7141820	3	0.360	43	82	
HELLOSIGNAL 590 P / 590 CP NO.7141821	4	0.389	57	101	
HELLOSIGNAL 590 P / 590 CP NO.7141822	5	0.422	72	123	
12 AWG (4.00 mm²)					
HELLOSIGNAL 590 P / 590 CP NO.7141825	3	0.399	72	117	
HELLOSIGNAL 590 P / 590 CP NO.7141826	4	0.447	96	145	
10 AWG 6.00 mm²)					
HELLOSIGNAL 590 P / 590 CP NO.7141830	3	0.485	105	161	
HELLOSIGNAL 590 P / 590 CP NO.7141831	4	0.532	139	205	





Flexible Control Cable

HELLOSIGNAL590 CP

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL 590 P / 590 CP NO.7141840	3	0.330	34	73	
HELLOSIGNAL 590 P / 590 CP NO.7141841	4	0.354	41	84	
HELLOSIGNAL 590 P / 590 CP NO.7141842	5	0.379	50	99	
16 AWG (1.50 mm²)					
HELLOSIGNAL 590 P / 590 CP NO.7141845	2	0.346	37	73	
HELLOSIGNAL 590 P / 590 CP NO.7141846	3	0.362	46	86	
HELLOSIGNAL 590 P / 590 CP NO.7141847	4	0.388	56	99	
HELLOSIGNAL 590 P / 590 CP NO.7141848	5	0.418	67	117	
14 AWG (2.50 mm²)					
HELLOSIGNAL 590 P / 590 CP NO.7141850	3	0.391	71	108	
HELLOSIGNAL 590 P / 590 CP NO.7141851	4	0.420	88	130	
HELLOSIGNAL 590 P / 590 CP NO.7141852	5	0.458	103	161	





Flexible Control Cable

HELLOSIGNAL590 CP

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
12AWG (4.00 mm²)					
HELLOSIGNAL 590 P / 590 CP NO.7141860	3	0.442	109	156	
HELLOSIGNAL 590 P / 590 CP NO.7141861	4	0.479	136	190	
HELLOSIGNAL 590 P / 590 CP NO.7141862	5	0.518	160	231	
10 AWG 6.00 mm²)					
HELLOSIGNAL 590 P / 590 CP NO.7141865	3	0.521	147	216	
HELLOSIGNAL 590 P / 590 CP NO.7141866	4	0.564	184	262	
HELLOSIGNAL 590 P / 590 CP NO.7141867	5	0.635	222	315	

Flexible Control Cable

HELLOSIGNALPOWER MULTI

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL POWERMULTI NO.7142000	3	0.371	20	62	
HELLOSIGNAL POWERMULTI NO.7142001	4	0.399	26	71	
HELLOSIGNAL POWERMULTI NO.7142002	5	0.471	33	82	



Flexible Control Cable

HELLOSIGNALPOWER MULTI

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL POWERMULTI NO.7142005	3	0.399	29	75	
HELLOSIGNAL POWERMULTI NO.7142006	4	0.430	39	88	
HELLOSIGNAL POWERMULTI NO.7142007	5	0.507	49	104	
HELLOSIGNAL POWERMULTI NO.7142008	7	0.544	68	132	
HELLOSIGNAL POWERMULTI NO.7142009	12	0.719	117	225	
HELLOSIGNAL POWERMULTI NO.7142010	18	0.824	175	295	
HELLOSIGNAL POWERMULTI NO.7142011	25	0.966	242	401	
14 AWG (2.50 mm²)					
HELLOSIGNAL POWERMULTI NO.7142015	3	0.541	49	93	
HELLOSIGNAL POWERMULTI NO.7142016	4	0.584	65	112	
HELLOSIGNAL POWERMULTI NO.7142017	5	0.663	81	132	





Flexible Control Cable

HELLOSIGNALPOWERMULTI

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)
12 AWG (4.00 mm²)				
HELLOSIGNAL POWERMULTI NO.7142020	3	0.631	78	126
HELLOSIGNAL POWERMULTI NO.7142021	4	0.681	104	156
HELLOSIGNAL POWERMULTI NO.7142022	5	0.739	129	192
10 AWG (6.00 mm²)				
HELLOSIGNAL POWERMULTI NO.7142025	3	0.676	117	229
HELLOSIGNAL POWERMULTI NO.7142026	4	0.732	155	271
8 AWG (10.00 mm²)				
HELLOSIGNAL POWERMULTI NO.7142030	3	0.840	194	430
HELLOSIGNAL POWERMULTI NO.7142031	4	0.943	258	566

Flexible Control Cable

HELLOSIGNALCLASSIC100

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)
20 AWG (0.50 mm²)				
HELLOSIGNAL CLASSIC100 NO.7142100	2	0.189	6	24
HELLOSIGNAL CLASSIC100 NO.7142101	3	0.201	10	28
HELLOSIGNAL CLASSIC100 NO.7142102	4	0.224	13	36
HELLOSIGNAL CLASSIC100 NO.7142103	5	0.224	16	42



Flexible Control Cable

HELLOSIGNALCLASSIC100

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142105	2	0.244	13	36	
HELLOSIGNAL CLASSIC100 NO.7142106	3	0.236	19	44	
HELLOSIGNAL CLASSIC100 NO.7142107	4	0.256	26	53	
HELLOSIGNAL CLASSIC100 NO.7142108	5	0.280	32	63	
16 AWG (1.50 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142110	2	0.248	19	86	
HELLOSIGNAL CLASSIC100 NO.7142111	3	0.264	29	109	
HELLOSIGNAL CLASSIC100 NO.7142112	4	0.283	39	136	
HELLOSIGNAL CLASSIC100 NO.7142113	5	0.319	48	163	
14 AWG (2.50 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142115	2	0.350	32	86	
HELLOSIGNAL CLASSIC100 NO.7142116	3	0.378	48	109	
HELLOSIGNAL CLASSIC100 NO.7142117	4	0.421	65	136	
HELLOSIGNAL CLASSIC100 NO.7142118	5	0.465	81	163	



Flexible Control Cable

HELLOSIGNALCLASSIC100

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
12 AWG (4.00 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142120	2	0.417	52	126	
HELLOSIGNAL CLASSIC100 NO.7142121	3	0.449	77	164	
HELLOSIGNAL CLASSIC100 NO.7142122	4	0.500	103	200	
HELLOSIGNAL CLASSIC100 NO.7142123	5	0.547	129	239	
10 AWG (6.00 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142125	3	0.496	116	214	
HELLOSIGNAL CLASSIC100 NO.7142126	4	0.543	155	265	
HELLOSIGNAL CLASSIC100 NO.7142127	5	0.614	194	329	
8 AWG (10 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142130	3	0.626	194	342	
HELLOSIGNAL CLASSIC100 NO.7142131	4	0.693	258	437	
HELLOSIGNAL CLASSIC100 NO.7142132	5	0.776	323	532	
6 AWG (16 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142135	3	0.720	310	489	
HELLOSIGNAL CLASSIC100 NO.7142136	4	0.803	413	730	
HELLOSIGNAL CLASSIC100 NO.7142137	5	0.898	516	751	



Flexible Control Cable

HELLOSIGNALCLASSIC100

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
4 AWG (25 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142140	3	0.906	677	1187	
HELLOSIGNAL CLASSIC100 NO.7142141	4	1.000	903	1416	
HELLOSIGNAL CLASSIC100 NO.7142142	5	1.122	1129	1771	
2AWG (35 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142145	3	1.008	677	1187	
HELLOSIGNAL CLASSIC100 NO.7142146	4	1.122	9.3	1416	
HELLOSIGNAL CLASSIC100 NO.7142147	5	1.256	1129	1771	
1AWG (50 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142150	3	1.220	968	1718	
HELLOSIGNAL CLASSIC100 NO.7142151	4	1.551	1290	1978	





Flexible Control Cable

HELLOSIGNALCLASSIC100

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
2 AWG (70 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142155	3	1.390	1355	2139	
HELLOSIGNAL CLASSIC100 NO.7142156	4	1.551	1806	2750	
3 AWG (95 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142160	3	1.626	1839	3142	
HELLOSIGNAL CLASSIC100 NO.7142161	4	1.803	2451	3534	
3 AWG (95 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142165	3	1.874	2322	3776	
HELLOSIGNAL CLASSIC100 NO.7142166	4	2.091	3096	4694	
350 KCMIL (185 mm²)					
HELLOSIGNAL CLASSIC100 NO.7142167	4	2.472	4774	5578	





Flexible Control Cable

HELLOSIGNALCLASSIC100 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)
20 AWG (0.50 mm²)				
HELLOSIGNAL CLASSIC100 CY NO.7142200	2	0.276	28	50
HELLOSIGNAL CLASSIC100 CY NO.7142201	3	0.287	31	56
HELLOSIGNAL CLASSIC100 CY NO.7142202	4	0.311	37	67
HELLOSIGNAL CLASSIC100 CY NO.7142203	5	0.331	44	75
18 AWG (1.00 mm²)				
HELLOSIGNAL CLASSIC100 CY NO.7142205	2	0.311	38	66
HELLOSIGNAL CLASSIC100 CY NO.7142206	3	0.323	44	75
HELLOSIGNAL CLASSIC100 CY NO.7142207	4	0.343	52	87
HELLOSIGNAL CLASSIC100 CY NO.7142208	5	0.374	60	103
16 AWG (1.50 mm²)				
HELLOSIGNAL CLASSIC100 CY NO.7142210	2	0.390	44	89
HELLOSIGNAL CLASSIC100 CY NO.7142211	3	0.406	53	114
HELLOSIGNAL CLASSIC100 CY NO.7142212	4	0.445	65	137
HELLOSIGNAL CLASSIC100 CY NO.7142213	5	0.496	78	165



Flexible Control Cable

HELLOSIGNALCLASSIC100 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
14 AWG (2.50 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142215	3	0.465	98	142	
HELLOSIGNAL CLASSIC100 CY NO.7142216	4	0.531	112	208	
HELLOSIGNAL CLASSIC100 CY NO.7142217	5	0.575	134	319	
12 AWG (4 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142220	4	0.594	159	271	
HELLOSIGNAL CLASSIC100 CY NO.7142221	5	0.650	220	321	
10 AWG (6 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142225	4	0.654	214	350	
HELLOSIGNAL CLASSIC100 CY NO.7142226	5	0.717	296	419	
8 AWG (10 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142230	4	0.831	375	566	
HELLOSIGNAL CLASSIC100 CY NO.7142231	5	0.909	480	675	
6 AWG (16 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142235	4	0.941	540	782	
HELLOSIGNAL CLASSIC100 CY NO.7142236	5	1.055	706	1216	



Flexible Control Cable

HELLOSIGNALCLASSIC100 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
4 AWG (25 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142240	4	1.157	866	1279	
HELLOSIGNAL CLASSIC100 CY NO.7142241	5	1.283	972	1595	
2 AWG (35 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142245	4	1.276	1138	1673	
HELLOSIGNAL CLASSIC100 CY NO.7142246	5	1.417	1327	1862	
1 AWG (50 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142250	4	1.528	1574	2259	
2 AWG (70 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142260	4	1.720	2039	2499	
3 AWG (95 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142270	4	1.984	2725	3931	
4 AWG (95 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142280	4	2.236	3511	5046	
300 KCMIL (150 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142290	4	2.449	4233	5242	
350 KCMIL (185 mm²)					
HELLOSIGNAL CLASSIC100 CY NO.7142291	4	2.669	5210	6630	



Flexible Control Cable

HELLOSIGNALCLASSIC100 SY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL CLASSIC100 SY NO.7142300	3	0.346	19	103	
HELLOSIGNAL CLASSIC100 SY NO.7142301	4	0.374	26	121	
HELLOSIGNAL CLASSIC100 SY NO.7142302	5	0.398	32	136	
16 AWG (1.50 mm²)					
HELLOSIGNAL CLASSIC100 SY NO.7142305	3	0.382	29	128	
HELLOSIGNAL CLASSIC100 SY NO.7142306	4	0.402	39	146	
HELLOSIGNAL CLASSIC100 SY NO.7142307	5	0.437	48	180	
14 AWG (2.50 mm²)					
HELLOSIGNAL CLASSIC100 SY NO.7142310	3	0.496	48	187	
HELLOSIGNAL CLASSIC100 SY NO.7142311	4	0.547	65	228	
HELLOSIGNAL CLASSIC100 SY NO.7142312	5	0.598	81	267	
12 AWG (4.00 mm²)					
HELLOSIGNAL CLASSIC100 SY NO.7142315	2	0.535	52	221	
HELLOSIGNAL CLASSIC100 SY NO.7142316	4	0.618	103	307	
HELLOSIGNAL CLASSIC100 SY NO.7142317	5	0.673	129	366	



Flexible Control Cable

HELLOSIGNALCLASSIC100 SY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)
10 AWG (6.00 mm²)				
HELLOSIGNAL CLASSIC100 SY NO.7142320	3	0.622	116	365
HELLOSIGNAL CLASSIC100 SY NO.7142321	4	0.677	155	461
HELLOSIGNAL CLASSIC100 SY NO.7142322	5	0.740	194	536
8 AWG (10 mm²)				
HELLOSIGNAL CLASSIC100 SY NO.7142325	4	0.838	258	677
HELLOSIGNAL CLASSIC100 SY NO.7142326	5	0.917	323	803
6 AWG (16 mm²)				
HELLOSIGNAL CLASSIC100 SY NO.7142330	4	0.949	413	929
4 AWG (25 mm²)				
HELLOSIGNAL CLASSIC100 SY NO.7142331	4	1.157	645	1356
HELLOSIGNAL CLASSIC100 SY NO.7142332	5	1.283	8.6	1654
2 AWG (35 mm²)				
HELLOSIGNAL CLASSIC100 SY NO.7142335	4	1.276	903	1725





Flexible Control Cable

HELLOSIGNALCLASSIC110

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL CLASSIC110 NO.7142400	2	0.189	6	24	
HELLOSIGNAL CLASSIC110 NO.7142401	3	0.201	10	28	
HELLOSIGNAL CLASSIC110 NO.7142402	4	0.224	13	36	
HELLOSIGNAL CLASSIC110 NO.7142403	5	0.244	16	42	
HELLOSIGNAL CLASSIC110 NO.7142404	7	0.264	23	54	
HELLOSIGNAL CLASSIC110 NO.7142405	12	0.350	39	88	
HELLOSIGNAL CLASSIC110 NO.7142406	18	0.413	58	126	
HELLOSIGNAL CLASSIC110 NO.7142407	25	0.488	81	175	
HELLOSIGNAL CLASSIC110 NO.7142408	35	0.571	113	239	
HELLOSIGNAL CLASSIC110 NO.7142409	52	0.681	168	347	
HELLOSIGNAL CLASSIC110 NO.7142410	65	0.772	210	433	
HELLOSIGNAL CLASSIC110 NO.7142411	80	0.831	258	524	
HELLOSIGNAL CLASSIC110 NO.7142412	100	0.929	323	655	



Flexible Control Cable

HELLOSIGNALCLASSIC110

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL CLASSIC110 NO.7142420	2	0.244	13	36	
HELLOSIGNAL CLASSIC110 NO.7142421	3	0.236	19	44	
HELLOSIGNAL CLASSIC110 NO.7142422	4	0.256	26	53	
HELLOSIGNAL CLASSIC110 NO.7142423	5	0.280	32	63	
HELLOSIGNAL CLASSIC110 NO.7142424	7	0.315	45	85	
HELLOSIGNAL CLASSIC110 NO.7142425	12	0.413	77	138	
HELLOSIGNAL CLASSIC110 NO.7142426	18	0.500	116	215	
HELLOSIGNAL CLASSIC110 NO.7142427	25	0.579	161	274	
HELLOSIGNAL CLASSIC110 NO.7142428	34	0.673	219	370	
HELLOSIGNAL CLASSIC110 NO.7142429	41	0.740	265	444	
HELLOSIGNAL CLASSIC110 NO.7142430	50	0.811	323	536	
HELLOSIGNAL CLASSIC110 NO.7142431	65	0.929	419	694	
HELLOSIGNAL CLASSIC110 NO.7142432	80	0.996	516	841	
HELLOSIGNAL CLASSIC110 NO.7142433	100	1.114	645	1048	



Flexible Control Cable

HELLOSIGNALCLASSIC110

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL CLASSIC110 NO.7142440	2	0.248	19	46	
HELLOSIGNAL CLASSIC110 NO.7142441	3	0.264	29	56	
HELLOSIGNAL CLASSIC110 NO.7142442	4	0.283	39	70	
HELLOSIGNAL CLASSIC110 NO.7142443	5	0.319	48	86	
HELLOSIGNAL CLASSIC110 NO.7142444	7	0.350	68	112	
HELLOSIGNAL CLASSIC110 NO.7142445	12	0.472	116	188	
HELLOSIGNAL CLASSIC110 NO.7142446	18	0.567	174	274	
HELLOSIGNAL CLASSIC110 NO.7142447	25	0.665	242	376	
HELLOSIGNAL CLASSIC110 NO.7142448	34	0.764	329	501	
HELLOSIGNAL CLASSIC110 NO.7142449	41	0.839	397	602	
HELLOSIGNAL CLASSIC110 NO.7142450	50	0.925	484	732	
HELLOSIGNAL CLASSIC110 NO.7142451	65	1.051	629	940	



Flexible Control Cable

HELLOSIGNALCLASSIC110

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
14 AWG (2.50 mm²)					
HELLOSIGNAL CLASSIC110 NO.7142460	2	0.295	32	68	
HELLOSIGNAL CLASSIC110 NO.7142461	3	0.319	48	89	
HELLOSIGNAL CLASSIC110 NO.7142462	4	0.350	65	110	
HELLOSIGNAL CLASSIC110 NO.7142463	5	0.394	81	134	
HELLOSIGNAL CLASSIC110 NO.7142464	7	0.437	113	179	
HELLOSIGNAL CLASSIC110 NO.7142465	12	0.583	194	299	
HELLOSIGNAL CLASSIC110 NO.7142466	18	0.701	290	436	
HELLOSIGNAL CLASSIC110 NO.7142467	25	0.819	403	598	
HELLOSIGNAL CLASSIC110 NO.7142468	34	0.961	548	812	
HELLOSIGNAL CLASSIC110 NO.7142469	50	1.157	806	1179	





Flexible Control Cable

HELLOSIGNALCLASSIC110

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
12 AWG (4.00 mm²)					
HELLOSIGNAL CLASSIC110 NO.7142470	3	0.390	77	135	
HELLOSIGNAL CLASSIC110 NO.7142471	4	0.425	103	167	
HELLOSIGNAL CLASSIC110 NO.7142472	5	0.476	129	198	
HELLOSIGNAL CLASSIC110 NO.7142473	7	0.528	181	274	
10 AWG (6.00 mm²)					
HELLOSIGNAL CLASSIC110 NO.7142475	3	0.461	116	194	
HELLOSIGNAL CLASSIC110 NO.7142476	4	0.512	155	245	
HELLOSIGNAL CLASSIC110 NO.7142477	5	0.571	194	300	
HELLOSIGNAL CLASSIC110 NO.7142478	7	0.630	281	403	
8 AWG (10 mm²)					
HELLOSIGNAL CLASSIC110 NO.7142479	4	0.638	258	397	
6 AWG (16 mm²)					
HELLOSIGNAL CLASSIC110 NO.77142480	4	0.740	413	731	
4 AWG (25 mm²)					
HELLOSIGNAL CLASSIC110 NO.77142481	4	0.925	645	1063	
2AWG (35 mm²)					
HELLOSIGNAL CLASSIC110 NO.77142482	4	1.039	903	1415	
HELLOSIGNAL CLASSIC110 NO.77142483	5	1.165	1129	1771	



Flexible Control Cable

HELLOSIGNALCLASSIC110 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL CLASSIC110 CY NO.7142500	3	0.287	31	56	
HELLOSIGNAL CLASSIC110 CY NO.7142501	4	0.311	37	67	
HELLOSIGNAL CLASSIC110 CY NO.7142502	5	0.331	44	75	
HELLOSIGNAL CLASSIC110 CY NO.7142503	7	0.350	54	89	
HELLOSIGNAL CLASSIC110 CY NO.7142504	12	0.445	93	136	
HELLOSIGNAL CLASSIC110 CY NO.7142505	18	0.524	105	194	
HELLOSIGNAL CLASSIC110 CY NO.7142506	25	0.598	168	254	
18 AWG (1.00 mm²)					
HELLOSIGNAL CLASSIC110 CY NO.7142510	3	0.323	44	75	
HELLOSIGNAL CLASSIC110 CY NO.7142511	4	0.343	52	87	
HELLOSIGNAL CLASSIC110 CY NO.7142512	5	0.374	60	103	
HELLOSIGNAL CLASSIC110 CY NO.7142513	7	0.402	76	124	
HELLOSIGNAL CLASSIC110 CY NO.7142514	12	0.524	126	206	
HELLOSIGNAL CLASSIC110 CY NO.7142515	18	0.610	192	288	
HELLOSIGNAL CLASSIC110 CY NO.7142516	25	0.686	261	366	



Flexible Control Cable

HELLOSIGNALCLASSIC110 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL CLASSIC110 CY NO.7142520	2	0.335	44	79	
HELLOSIGNAL CLASSIC110 CY NO.7142521	3	0.350	56	91	
HELLOSIGNAL CLASSIC110 CY NO.7142522	4	0.378	67	110	
HELLOSIGNAL CLASSIC110 CY NO.7142523	5	0.406	84	126	
HELLOSIGNAL CLASSIC110 CY NO.7142524	7	0.445	100	156	
HELLOSIGNAL CLASSIC110 CY NO.7142525	12	0.583	188	264	
HELLOSIGNAL CLASSIC110 CY NO.7142526	18	0.667	261	362	
HELLOSIGNAL CLASSIC110 CY NO.7142527	25	0.791	360	501	
14 AWG (2.50 mm²)					
HELLOSIGNAL CLASSIC110 CY NO.7142530	3	0.406	98	129	
HELLOSIGNAL CLASSIC110 CY NO.7142531	4	0.445	112	157	
HELLOSIGNAL CLASSIC110 CY NO.7142532	5	0.496	134	190	
HELLOSIGNAL CLASSIC110 CY NO.7142533	7	0.547	194	249	



Flexible Control Cable

HELLOSIGNALCLASSIC110 CY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
12 AWG (4 mm²)					
HELLOSIGNAL CLASSIC110 CY NO.7142535	4	0.528	159	233	
HELLOSIGNAL CLASSIC110 CY NO.7142536	5	0.579	188	278	
10 AWG (6 mm²)					
HELLOSIGNAL CLASSIC110 CY NO.7142537	4	0.622	214	326	
8 AWG (10 mm²)					
HELLOSIGNAL CLASSIC110 CY NO.7142538	4	0.748	375	494	
6 AWG (16 mm²)					
HELLOSIGNAL CLASSIC110 CY NO.7142539	4	0.874	540	934	

Flexible Control Cable

HELLOSIGNALCLASSIC110 SY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL CLASSIC110 SY NO.7142600	3	0.319	10	64	
HELLOSIGNAL CLASSIC110 SY NO.7142601	4	0.335	13	72	
HELLOSIGNAL CLASSIC110 SY NO.7142602	5	0.362	16	83	



Flexible Control Cable

HELLOSIGNALCLASSIC110 SY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL CLASSIC110 SY NO.7142603	7	0.382	23	99	
HELLOSIGNAL CLASSIC110 SY NO.7142604	12	0.469	39	143	
HELLOSIGNAL CLASSIC110 SY NO.7142605	18	0.547	58	196	
HELLOSIGNAL CLASSIC110 SY NO.7142606	25	0.614	81	252	
18 AWG (1.00 mm²)					
HELLOSIGNAL CLASSIC110 SY NO.7142610	2	0.335	13	71	
HELLOSIGNAL CLASSIC110 SY NO.7142611	3	0.346	19	80	
HELLOSIGNAL CLASSIC110 SY NO.7142612	4	0.374	26	95	
HELLOSIGNAL CLASSIC110 SY NO.7142613	5	0.398	32	110	
HELLOSIGNAL CLASSIC110 SY NO.7142614	7	0.433	45	134	
HELLOSIGNAL CLASSIC110 SY NO.7142615	12	0.547	77	208	
HELLOSIGNAL CLASSIC110 SY NO.7142616	18	0.626	116	279	
HELLOSIGNAL CLASSIC110 SY NO.7142617	25	0.713	161	368	



Flexible Control Cable

HELLOSIGNALCLASSIC110 SY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL CLASSIC110 SY NO.7142620	3	0.382	29	101	
HELLOSIGNAL CLASSIC110 SY NO.7142621	4	0.402	39	116	
HELLOSIGNAL CLASSIC110 SY NO.7142622	5	0.437	48	136	
HELLOSIGNAL CLASSIC110 SY NO.7142623	7	0.469	68	167	
HELLOSIGNAL CLASSIC110 SY NO.7142624	12	0.606	116	266	
HELLOSIGNAL CLASSIC110 SY NO.7142625	18	0.693	174	362	
HELLOSIGNAL CLASSIC110 SY NO.7142626	25	0.799	242	479	
14 AWG (2.50 mm²)					
HELLOSIGNAL CLASSIC110 SY NO.7142630	3	0.437	48	138	
HELLOSIGNAL CLASSIC110 SY NO.7142631	4	0.476	65	167	
HELLOSIGNAL CLASSIC110 SY NO.7142632	5	0.520	81	198	
HELLOSIGNAL CLASSIC110 SY NO.7142633	7	0.563	113	251	
HELLOSIGNAL CLASSIC110 SY NO.7142634	12	0.717	194	394	
HELLOSIGNAL CLASSIC110 SY NO.7142635	18	0.843	290	553	
HELLOSIGNAL CLASSIC110 SY NO.7142636	25	0.961	403	734	



Flexible Control Cable

HELLOSIGNALCLASSIC110 SY

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
12 AWG (4 mm²)					
HELLOSIGNAL CLASSIC110 SY NO.7142640	3	0.500	77	192	
HELLOSIGNAL CLASSIC110 SY NO.7142641	4	0.551	103	234	
HELLOSIGNAL CLASSIC110 SY NO.7142642	5	0.594	129	276	
10 AWG (6 mm²)					
HELLOSIGNAL CLASSIC110 SY NO.7142645	4	0.638	155	324	
HELLOSIGNAL CLASSIC110 SY NO.7142646	5	0.697	194	389	
8 AWG (10 mm²)					
HELLOSIGNAL CLASSIC110 SY NO.7142650	4	0.764	258	491	
6 AWG (1.50 mm²)					
HELLOSIGNAL CLASSIC110 SY NO.7142655	4	0.346	413	390	





Flexible Control Cable

HELLOSIGNALPUR S 17

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL PUR S 17 NO.7142700	2	0.209	7	22	
HELLOSIGNAL PUR S 17 NO.7142701	12	0.378	40	40	
19 AWG (0.75 mm²)					
HELLOSIGNAL PUR S 17 NO.7142810	2	0.228	13	11	
HELLOSIGNAL PUR S 17 NO.7142811	3	0.236	19	15	
HELLOSIGNAL PUR S 17 NO.7142812	4	0.264	25	22	
HELLOSIGNAL PUR S 17 NO.7142813	12	0.417	75	64	
HELLOSIGNAL PUR S 17 NO.7142820	15	0.476	94	73	
HELLOSIGNAL PUR S 17 NO.7142821	18	0.500	113	88	
HELLOSIGNAL PUR S 17 NO.7142822	25	0.606	156	121	
12 AWG (4.00 mm²)					
HELLOSIGNAL PUR S 17 NO.7141825	2	0.280	18	20	
HELLOSIGNAL PUR S 17 NO.7141826	3	0.287	27	31	
HELLOSIGNAL PUR S 17 NO.7141830	12	0.531	109	117	



Flexible Control Cable

HELLOSIGNALPUR S 27

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL PUR S 27 NO.7141840	3	0.217	10	11	
HELLOSIGNAL PUR S 27 NO.7141841	4	0.240	13	13	
19 AWG (0.75 mm²)					
HELLOSIGNAL PUR S 27 NO.7141845	3	0.236	13	15	
HELLOSIGNAL PUR S 27 NO.7141846	4	0.264	25	22	
HELLOSIGNAL PUR S 27 NO.7141850	5	0.287	31	26	
HELLOSIGNAL PUR S 27 NO.7141851	7	0.339	44	33	
HELLOSIGNAL PUR S 27 NO.7141852	12	0.417	75	58	
HELLOSIGNAL PUR S 27 NO.7141860	25	0.606	156	121	
16AWG (1.50 mm²)					
HELLOSIGNAL PUR S 27 NO.7141865	4	0.319	36	40	





Flexible Control Cable

HELLOSIGNALCLASSIC110 H

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL CLASSIC110 H NO.7143000	3	0.213	10	33	
HELLOSIGNAL CLASSIC110 H NO.7143001	4	0.228	13	39	
HELLOSIGNAL CLASSIC110 H NO.7143002	5	0.248	16	46	
HELLOSIGNAL CLASSIC110 H NO.7143003	7	0.272	23	58	
HELLOSIGNAL CLASSIC110 H NO.7143004	12	0.358	39	95	
18 AWG (1.00 mm²)					
HELLOSIGNAL CLASSIC110 H NO.7143005	3	0.240	19	48	
HELLOSIGNAL CLASSIC110 H NO.7143006	4	0.260	26	58	
HELLOSIGNAL CLASSIC110 H NO.7143007	5	0.287	32	70	
HELLOSIGNAL CLASSIC110 H NO.7143008	7	0.319	45	93	
HELLOSIGNAL CLASSIC110 H NO.7143009	12	0.421	77	151	
HELLOSIGNAL CLASSIC110 H NO.7143010	18	0.508	116	220	
HELLOSIGNAL CLASSIC110 H NO.7143011	25	0.591	161	299	



Flexible Control Cable

HELLOSIGNALCLASSIC110 H

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL CLASSIC110 H NO.7143015	3	0.268	29	63	
HELLOSIGNAL CLASSIC110 H NO.7143016	4	0.291	39	77	
HELLOSIGNAL CLASSIC110 H NO.7143017	5	0.327	48	95	
HELLOSIGNAL CLASSIC110 H NO.7143018	7	0.354	68	124	
HELLOSIGNAL CLASSIC110 H NO.7143019	12	0.480	116	207	
HELLOSIGNAL CLASSIC110 H NO.7143020	18	0.575	174	302	
HELLOSIGNAL CLASSIC110 H NO.7143021	25	0.677	242	415	
14 AWG (2.50 mm²)					
HELLOSIGNAL CLASSIC110 H NO.7143025	3	0.327	48	98	
HELLOSIGNAL CLASSIC110 H NO.7143026	4	0.354	65	121	
HELLOSIGNAL CLASSIC110 H NO.7143027	5	0.398	81	149	
HELLOSIGNAL CLASSIC110 H NO.7143028	7	0.441	113	198	
HELLOSIGNAL CLASSIC110 H NO.7143029	12	0.594	194	330	



Flexible Control Cable

HELLOSIGNALCLASSIC110 H

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
12 AWG (4.00 mm²)					
HELLOSIGNAL CLASSIC110 H NO.7143030	4	0.425	103	180	
HELLOSIGNAL CLASSIC110 H NO.7143031	5	0.476	129	220	
HELLOSIGNAL CLASSIC110 H NO.7143032	7	0.528	181	294	
10 AWG (6 mm²)					
HELLOSIGNAL CLASSIC110 H NO.7143035	4	0.512	155	263	
HELLOSIGNAL CLASSIC110 H NO.7143036	5	0.571	194	321	
HELLOSIGNAL CLASSIC110 H NO.7143037	7	0.630	271	429	
8 AWG (10 mm²)					
HELLOSIGNAL CLASSIC110 H NO.7143040	4	0.638	258	427	
6 AWG (16 mm²)					
HELLOSIGNAL CLASSIC110 H NO.7143041	4	0.740	413	625	
4 AWG (25 mm²)					
HELLOSIGNAL CLASSIC110 H NO.7143042	4	0.925	645	969	
2 AWG (35 mm²)					
HELLOSIGNAL CLASSIC110 H NO.7143043	4	1.050	912	1288	





Flexible Control Cable

HELLOSIGNALCLASSIC110 CH

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
20 AWG (0.50 mm²)					
HELLOSIGNAL CLASSIC110 CH NO.7143050	3	0.291	24	64	
HELLOSIGNAL CLASSIC110 CH NO.7143051	4	0.315	28	75	
HELLOSIGNAL CLASSIC110 CH NO.7143052	5	0.339	32	85	
HELLOSIGNAL CLASSIC110 CH NO.7143053	7	0.358	40	99	
HELLOSIGNAL CLASSIC110 CH NO.7143054	12	0.453	31	152	
18 AWG (1.00 mm²)					
HELLOSIGNAL CLASSIC110 CH NO.7143055	3	0.331	35	85	
HELLOSIGNAL CLASSIC110 CH NO.7143056	4	0.350	49	106	
HELLOSIGNAL CLASSIC110 CH NO.7143057	5	0.382	56	115	
HELLOSIGNAL CLASSIC110 CH NO.7143058	7	0.406	65	141	
HELLOSIGNAL CLASSIC110 CH NO.7143059	12	0.535	113	233	
HELLOSIGNAL CLASSIC110 CH NO.7143060	18	0.618	158	319	
HELLOSIGNAL CLASSIC110 CH NO.7143061	25	0.701	210	411	



Flexible Control Cable

HELLOSIGNALCLASSIC110 CH

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL CLASSIC110 CH NO.7143065	3	0.354	46	104	
HELLOSIGNAL CLASSIC110 CH NO.7143066	4	0.386	58	125	
HELLOSIGNAL CLASSIC110 CH NO.7143067	5	0.413	69	144	
HELLOSIGNAL CLASSIC110 CH NO.7143068	7	0.449	90	181	
HELLOSIGNAL CLASSIC110 CH NO.7143069	12	0.591	156	299	
HELLOSIGNAL CLASSIC110 CH NO.7143070	18	0.685	220	410	
HELLOSIGNAL CLASSIC110 CH NO.7143071	25	0.803	331	566	
14 AWG (2.50 mm²)					
HELLOSIGNAL CLASSIC110 CH NO.7143075	3	0.413	69	148	
HELLOSIGNAL CLASSIC110 CH NO.7143076	4	0.449	87	178	
HELLOSIGNAL CLASSIC110 CH NO.7143077	5	0.500	106	216	
HELLOSIGNAL CLASSIC110 CH NO.7143078	7	0.551	150	284	
HELLOSIGNAL CLASSIC110 CH NO.7143079	12	0.705	242	443	



Flexible Control Cable

HELLOSIGNALCLASSIC110 CH

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)
12 AWG (4 mm²)				
HELLOSIGNAL CLASSIC110 CH NO.7143080	4	0.535	140	262
HELLOSIGNAL CLASSIC110 CH NO.7143081	5	0.587	169	311
HELLOSIGNAL CLASSIC110 CH NO.7143082	7	0.638	224	395
10 AWG (6 mm²)				
HELLOSIGNAL CLASSIC110 CH NO.7143085	4	0.622	198	347
HELLOSIGNAL CLASSIC110 CH NO.7143086	5	0.681	239	414
HELLOSIGNAL CLASSIC110 CH NO.7143087	7	0.740	322	532
8 AWG (10 mm²)				
HELLOSIGNAL CLASSIC110 CH NO.7143088	4	0.752	310	530
6 AWG (16 mm²)				
HELLOSIGNAL CLASSIC110 CH NO.7143089	4	0.878	489	775
4 AWG (25 mm²)				
HELLOSIGNAL CLASSIC110 CH NO.7143090	4	1.063	755	1214
2 AWG (35 mm²)				
HELLOSIGNAL CLASSIC110 CH NO.7143091	4	1.197	1028	1560





Flexible Control Cable

HELLOSIGNALCLASSIC130 H BK

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
16 AWG (1.50 mm²)					
HELLOSIGNAL CLASSIC130 H BK NO.7143214	7	0.496	68	185	
HELLOSIGNAL CLASSIC130 H BK NO.7143215	12	0.634	116	287	
HELLOSIGNAL CLASSIC130 H BK NO.7143216	18	0.741	174	401	
HELLOSIGNAL CLASSIC130 H BK NO.7143217	25	0.855	242	537	
14 AWG (2.50 mm²)					
HELLOSIGNAL CLASSIC130 H BK NO.7143220	2	0.426	32	124	
HELLOSIGNAL CLASSIC130 H BK NO.7143221	3	0.445	48	147	
HELLOSIGNAL CLASSIC130 H BK NO.7143222	4	0.481	65	176	
HELLOSIGNAL CLASSIC130 H BK NO.7143223	5	0.524	81	206	
HELLOSIGNAL CLASSIC130 H BK NO.7143224	7	0.567	113	262	
HELLOSIGNAL CLASSIC130 H BK NO.7143225	12	0.737	194	419	
HELLOSIGNAL CLASSIC130 H BK NO.7143226	18	0.867	290	591	
HELLOSIGNAL CLASSIC130 H BK NO.7143227	25	1.017	403	814	





Flexible Control Cable

HELLOSIGNALCLASSIC130 H BK

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL CLASSIC130 H BK NO.7143200	2	0.339	13	72	
HELLOSIGNAL CLASSIC130 H BK NO.7143201	3	0.355	19	83	
HELLOSIGNAL CLASSIC130 H BK NO.7143202	4	0.378	26	97	
HELLOSIGNAL CLASSIC130 H BK NO.7143203	5	0.410	32	112	
HELLOSIGNAL CLASSIC130 H BK NO.7143204	7	0.437	45	138	
HELLOSIGNAL CLASSIC130 H BK NO.7143205	12	0.552	77	211	
HELLOSIGNAL CLASSIC130 H BK NO.7143206	18	0.634	116	288	
HELLOSIGNAL CLASSIC130 H BK NO.7143207	25	0.733	161	382	
16 AWG (1.50 mm²)					
HELLOSIGNAL CLASSIC130 H BK NO.7143210	2	0.378	19	92	
HELLOSIGNAL CLASSIC130 H BK NO.7143211	3	0.398	26	108	
HELLOSIGNAL CLASSIC130 H BK NO.7143212	4	0.426	39	128	
HELLOSIGNAL CLASSIC130 H BK NO.7143213	5	0.461	48	149	



Flexible Control Cable

HELLOSIGNALCLASSIC130 H BK

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
12 AWG (4.00 mm²)					
HELLOSIGNAL CLASSIC130 H BK NO.7143230	3	0.496	77	195	
HELLOSIGNAL CLASSIC130 H BK NO.7143231	4	0.540	103	236	
HELLOSIGNAL CLASSIC130 H BK NO.7143232	5	0.587	129	280	
10 AWG (6 mm²)					
HELLOSIGNAL CLASSIC130 H BK NO.7143235	3	0.548	116	253	
HELLOSIGNAL CLASSIC130 H BK NO.7143236	4	0.595	155	311	
HELLOSIGNAL CLASSIC130 H BK NO.7143237	5	0.662	194	376	
8 AWG (10 mm²)					
HELLOSIGNAL CLASSIC130 H BK NO.7143240	4	0.737	258	509	
HELLOSIGNAL CLASSIC130 H BK NO.7143241	5	0.816	323	615	
6 AWG (16 mm²)					
HELLOSIGNAL CLASSIC130 H BK NO.7143245	4	0.839	413	719	
HELLOSIGNAL CLASSIC130 H BK NO.7143246	5	0.930	516	871	
4 AWG (25 mm²)					
HELLOSIGNAL CLASSIC130 H BK NO.7143247	4	1.032	645	1096	



Flexible Control Cable

HELLOSIGNALCLASSIC135 CH BK

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
18 AWG (1.00 mm²)					
HELLOSIGNAL CLASSIC135 CH BK NO.7143250	2	0.370	27	81	
HELLOSIGNAL CLASSIC135 CH BK NO.7143251	3	0.386	34	94	
HELLOSIGNAL CLASSIC135 CH BK NO.7143252	4	0.410	42	111	
HELLOSIGNAL CLASSIC135 CH BK NO.7143253	5	0.441	51	128	
HELLOSIGNAL CLASSIC135 CH BK NO.7143254	6	0.469	65	155	
HELLOSIGNAL CLASSIC135 CH BK NO.7143255	12	0.591	114	242	
HELLOSIGNAL CLASSIC135 CH BK NO.7143256	18	0.682	160	332	
HELLOSIGNAL CLASSIC135 CH BK NO.7143257	25	0.780	212	432	
16 AWG (1.50 mm²)					
HELLOSIGNAL CLASSIC135 CH BK NO.7143260	2	0.410	36	100	
HELLOSIGNAL CLASSIC135 CH BK NO.7143261	3	0.429	47	119	
HELLOSIGNAL CLASSIC135 CH BK NO.7143262	4	0.457	58	140	
HELLOSIGNAL CLASSIC135 CH BK NO.7143263	5	0.493	70	163	



Flexible Control Cable

HELLOSIGNALCLASSIC135 CH BK

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)
16 AWG (1.50 mm²)				
HELLOSIGNAL CLASSIC135 CH BK NO.7143264	7	0.528	92	202
HELLOSIGNAL CLASSIC135 CH BK NO.7143265	12	0.682	160	327
HELLOSIGNAL CLASSIC135 CH BK NO.7143266	18	0.796	239	464
HELLOSIGNAL CLASSIC135 CH BK NO.7143267	25	0.910	319	614
14 AWG (2.50 mm²)				
HELLOSIGNAL CLASSIC135 CH BK NO.7143270	2	0.457	53	132
HELLOSIGNAL CLASSIC135 CH BK NO.7143271	3	0.447	71	163
HELLOSIGNAL CLASSIC135 CH BK NO.7143272	4	0.512	90	197
HELLOSIGNAL CLASSIC135 CH BK NO.7143273	5	0.556	106	230
HELLOSIGNAL CLASSIC135 CH BK NO.7143274	7	0.607	151	310
HELLOSIGNAL CLASSIC135 CH BK NO.7143275	12	0.792	258	482
HELLOSIGNAL CLASSIC135 CH BK NO.7143276	18	0.922	369	679
HELLOSIGNAL CLASSIC135 CH BK NO.7143277	25	1.080	512	921



Flexible Control Cable

HELLOSIGNALCLASSIC135 CH BK

Catalog No.	Number of Conductors	Nominal Outer(in)	Copper.weight (lbs/mft)	Approx.weight (lbs/mft)	
12AWG (4.00 mm²)					
HELLOSIGNAL CLASSIC135 CH BK NO.7143280	3	0.528	113	220	
HELLOSIGNAL CLASSIC135 CH BK NO.7143281	4	0.579	142	268	
HELLOSIGNAL CLASSIC135 CH BK NO.7143282	5	0.626	168	317	
10AWG (6.00 mm²)					
HELLOSIGNAL CLASSIC135 CH BK NO.7143285	3	0.587	156	278	
HELLOSIGNAL CLASSIC135 CH BK NO.7143286	4	0.634	201	349	
HELLOSIGNAL CLASSIC135 CH BK NO.7143287	5	0.701	239	408	
8 AWG (6.00 mm²)					
HELLOSIGNAL CLASSIC135 CH BK NO.7143290	4	0.792	330	562	
HELLOSIGNAL CLASSIC135 CH BK NO.7143291	5	0.863	394	669	
6 AWG (16 mm²)					
HELLOSIGNAL CLASSIC135 CH BK NO.7143295	4	0.887	494	778	
HELLOSIGNAL CLASSIC135 CH BK NO.7143296	5	0.985	597	946	
4 AWG (25 mm²)					
HELLOSIGNAL CLASSIC135 CH BK NO.7143297	4	1.095	757	1131	



Flexible Installation Cable

Electrica Installation Cable(RV)

Catalog No.	Spec.	Nominal OD (mm)	Conductor resistance(20°C)		Weight approx. (kg/km)
			(BC) Ω/km	(TC)Ω/km	
Electrica Installation Cable(RV) NO.7144000	RV 0.5mm ²	2.200	39	40.1	9.0
Electrica Installation Cable(RV) NO.7144001	RV 0.75mm ²	2.400	26	26.7	12.0
Electrica Installation Cable(RV) NO.7144002	RV 1.0mm ²	2.600	19.5	20	15.0
Electrica Installation Cable(RV) NO.7144003	RV 1.5mm ²	3.200	13.3	13.7	23.0
Electrica Installation Cable(RV) NO.7144004	RV 2.5mm ²	3.800	7.98	8.21	34.0
Electrica Installation Cable(RV) NO.7144005	RV 4.0mm ²	4.400	4.95	2.09	51.0
Electrica Installation Cable(RV) NO.7144006	RV 6.0mm ²	5.200	3.3	3.39	74.0
Electrica Installation Cable(RV) NO.7144007	RV 10mm ²	6.500	1.91	1.95	122.0
Electrica Installation Cable(RV) NO.7144008	RV 16mm ²	7.800	1.21	1.24	184.0
Electrica Installation Cable(RV) NO.7144009	RV 25mm ²	9.500	0.78	0.795	281.0
Electrica Installation Cable(RV) NO.7144010	RV 35mm ²	10.900	0.544	0.565	386.0
Electrica Installation Cable(RV) NO.7144011	RV 50mm ²	12.600	0.386	0.393	540.0
Electrica Installation Cable(RV) NO.7144012	RV 70mm ²	14.600	0.272	0.277	752.0
Electrica Installation Cable(RV) NO.7144013	RV 95mm ²	16.700	0.206	0.21	998.0
Electrica Installation Cable(RV) NO.7144014	RV 120mm ²	18.300	0.161	0.164	1245.0
Electrica Installation Cable(RV) NO.7144015	RV 150mm ²	20.400	0.129	0.132	1553.0
Electrica Installation Cable(RV) NO.7144016	RV 185mm ²	22.700	0.106	0.108	1921.0
Electrica Installation Cable(RV) NO.7144017	RV 240mm ²	26.200	0.0801	0.0817	2511.0



Flexible Installation Cable

Fire resistance cable(ZR-RV)

Catalog No.	Spec.	Nominal OD (mm)	Conductor resistance(20°C) (BC) Ω/km (TC)Ω/km		Weight approx. (kg/km)
Fire resistance cable(ZR-RV) NO.7144050	ZR-RV 0.5mm ²	2.200	39	40.1	9.0
Fire resistance cable(ZR-RV) NO.7144051	ZR-RV 0.75mm ²	2.400	26	26.7	12.0
Fire resistance cable(ZR-RV) NO.7144052	ZR-RV 1.0mm ²	2.600	19.5	20	15.0
Fire resistance cable(ZR-RV) NO.7144053	ZR-RV 1.5mm ²	3.200	13.3	13.7	23.0
Fire resistance cable(ZR-RV) NO.7144054	ZR-RV 2.5mm ²	3.800	7.98	8.21	34.0
Fire resistance cable(ZR-RV) NO.7144055	ZR-RV 4.0mm ²	4.400	4.95	2.09	51.0
Fire resistance cable(ZR-RV) NO.7144056	ZR-RV 6.0mm ²	5.200	3.3	3.39	74.0
Fire resistance cable(ZR-RV) NO.7144057	ZR-RV 10mm ²	6.500	1.91	1.95	122.0
Fire resistance cable(ZR-RV) NO.7144058	ZR-RV 16mm ²	7.800	1.21	1.24	184.0
Fire resistance cable(ZR-RV) NO.7144059	ZR-RV 25mm ²	9.500	0.78	0.795	281.0
Fire resistance cable(ZR-RV) NO.7144060	ZR-RV 35mm ²	10.900	0.544	0.565	386.0
Fire resistance cable(ZR-RV) NO.7144061	ZR-RV 50mm ²	12.600	0.386	0.393	540.0
Fire resistance cable(ZR-RV) NO.7144062	ZR-RV 70mm ²	14.600	0.272	0.277	752.0
Fire resistance cable(ZR-RV) NO.7144063	ZR-RV 95mm ²	16.700	0.206	0.21	998.0
Fire resistance cable(ZR-RV) NO.7144064	ZR-RV 120mm ²	18.300	0.161	0.164	1245.0
Fire resistance cable(ZR-RV) NO.7144065	ZR-RV 150mm ²	20.400	0.129	0.132	1553.0
Fire resistance cable(ZR-RV) NO.7144066	ZR-RV 185mm ²	22.700	0.106	0.108	1921.0
Fire resistance cable(ZR-RV) NO.7144067	ZR-RV 240mm ²	26.200	0.0801	0.0817	2511.0



Flexible Installation Cable

Electrical Installation Cable(RVV)

Catalog No.	Spec.	Nominal OD(mm)	Copper weight approx (kg/km)	Wight approx(kg/km)
Electrical Installation Cable(RVV) NO.7144100	RVV 2×0.5mm ²	5.300	9	35
Electrical Installation Cable(RVV) NO.7144101	RVV 3×0.5mm ²	5.600	14	45
Electrical Installation Cable(RVV) NO.7144102	RVV 4×0.5mm ²	6.400	19	58
Electrical Installation Cable(RVV) NO.7144103	RVV 5×0.5mm ²	6.900	23	68
Electrical Installation Cable(RVV) NO.7144104	RVV 10×0.5mm ²	9.400	47	119
Electrical Installation Cable(RVV) NO.7144105	RVV 15×0.5mm ²	11.400	70	188
Electrical Installation Cable(RVV) NO.7144106	RVV 20×0.5mm ²	12.600	93	237
Electrical Installation Cable(RVV) NO.7144107	RVV 30×0.5mm ²	14.700	140	331
Electrical Installation Cable(RVV) NO.7144108	RVV 2×0.75mm ²	6.100	14	46
Electrical Installation Cable(RVV) NO.7144109	RVV 3×0.75mm ²	6.500	21	61
Electrical Installation Cable(RVV) NO.7144110	RVV 4×0.75mm ²	7.400	28	79
Electrical Installation Cable(RVV) NO.7144111	RVV 5×0.75mm ²	8.000	35	93
Electrical Installation Cable(RVV) NO.7144112	RVV 10×0.75mm ²	11.700	70	189
Electrical Installation Cable(RVV) NO.7144113	RVV 15×0.75mm ²	13.300	105	260
Electrical Installation Cable(RVV) NO.7144114	RVV 20×0.75mm ²	14.700	140	331
Electrical Installation Cable(RVV) NO.7144115	RVV 30×0.75mm ²	17.200	209	467
Electrical Installation Cable(RVV) NO.7144116	RVV 2×1.0mm ²	6.800	19	59
Electrical Installation Cable(RVV) NO.7144117	RVV 3×1.0mm ²	7.200	28	78



Flexible Installation Cable

Electrical Installation Cable(RVV)

Catalog No.	Spec.	Nominal OD(mm)	Copper weight approx (kg/km)	Wight approx(kg/km)
Electrical Installation Cable(RVV) NO.7144118	RVV 4×1.0mm ²	7.900	37	93
Electrical Installation Cable(RVV) NO.7144119	RVV 5×1.0mm ²	8.600	47	111
Electrical Installation Cable(RVV) NO.7144120	RVV 10×1.0mm ²	12.500	93	225
Electrical Installation Cable(RVV) NO.7144121	RVV 15×1.0mm ²	14.300	140	311
Electrical Installation Cable(RVV) NO.7144122	RVV 20×1.0mm ²	15.800	186	398
Electrical Installation Cable(RVV) NO.7144123	RVV 30×1.0mm ²	20.700	279	664
Electrical Installation Cable(RVV) NO.7144124	RVV 2×1.5mm ²	7.800	27	77
Electrical Installation Cable(RVV) NO.7144125	RVV 3×1.5mm ²	8.300	41	103
Electrical Installation Cable(RVV) NO.7144126	RVV 4×1.5mm ²	9.100	55	126
Electrical Installation Cable(RVV) NO.7144127	RVV 5×1.5mm ²	10.600	68	171
Electrical Installation Cable(RVV) NO.7144128	RVV 10×1.5mm ²	14.500	136	306
Electrical Installation Cable(RVV) NO.7144129	RVV 15×1.5mm ²	16.600	205	428
Electrical Installation Cable(RVV) NO.7144130	RVV 20×1.5mm ²	20.600	273	649
Electrical Installation Cable(RVV) NO.7144131	RVV 30×1.5mm ²	23.900	409	903
Electrical Installation Cable(RVV) NO.7144132	RVV 2×2.5mm ²	9.000	45	107
Electrical Installation Cable(RVV) NO.7144133	RVV 3×2.5mm ²	9.600	67	146



Flexible Installation Cable

Electrical Installation Cable(RVV)

Catalog No.	Spec.	Nominal OD(mm)	Copper.weight approx (kg/km)	Wight approx(kg/km)
Electrical Installation Cable(RVV) NO.7144134	RVV 4×2.5mm ²	11.200	89	202
Electrical Installation Cable(RVV) NO.7144135	RVV 5×2.5mm ²	12.200	111	242
Electrical Installation Cable(RVV) NO.7144136	RVV 10×2.5mm ²	16.900	223	442
Electrical Installation Cable(RVV) NO.7144137	RVV 15×2.5mm ²	21.600	334	729
Electrical Installation Cable(RVV) NO.7144138	RVV 20×2.5mm ²	23.800	445	926
Electrical Installation Cable(RVV) NO.7144139	RVV 30×2.5mm ²	27.800	668	1306

Flexible Installation Cable

Electrical Installation Cable(RVVYP)

Catalog No.	Spec.	Nominal OD(mm)	Copper.weight approx (kg/km)	Wight approx(kg/km)
Electrical Installation Cable(RVVYP) NO.7144200	RVVYP 2Cx0.5mm ²	8.200	36	106
Electrical Installation Cable(RVVYP) NO.7144201	RVVYP 3Ex0.5mm ²	8.600	42	118
Electrical Installation Cable(RVVYP) NO.7144202	RVVYP 4Ex0.5mm ²	9.100	49	134
Electrical Installation Cable(RVVYP) NO.7144203	RVVYP 5Ex0.5mm ²	10.100	57	158
Electrical Installation Cable(RVVYP) NO.7144204	RVVYP 12Ex0.5mm ²	14.000	103	298



Flexible Installation Cable

Electrical Installation Cable(RVVYP)

Catalog No.	Spec.	Nominal OD(mm)	Copper.weight approx (kg/km)	Wight approx(kg/km)
Electrical Installation Cable(RVVYP) NO.7144205	RVVYP 16Ex0.5mm ²	15.300	141	368
Electrical Installation Cable(RVVYP) NO.7144206	RVVYP 20Ex0.5mm ²	16.600	166	432
Electrical Installation Cable(RVVYP) NO.7144207	RVVYP 27Ex0.5mm ²	18.900	208	553
Electrical Installation Cable(RVVYP) NO.7144208	RVVYP 36Ex0.5mm ²	21.300	261	702
Electrical Installation Cable(RVVYP) NO.7144209	RVVYP 2Cx0.75mm ²	8.600	38	183
Electrical Installation Cable(RVVYP) NO.7144210	RVVYP 3Ex0.75mm ²	9.000	44	210
Electrical Installation Cable(RVVYP) NO.7144211	RVVYP 4Ex0.75mm ²	9.800	52	261
Electrical Installation Cable(RVVYP) NO.7144212	RVVYP 5Ex0.75mm ²	10.700	59	155
Electrical Installation Cable(RVVYP) NO.7144213	RVVYP 12Ex0.75mm ²	15.000	120	293
Electrical Installation Cable(RVVYP) NO.7144214	RVVYP 16Ex0.75mm ²	16.600	146	353
Electrical Installation Cable(RVVYP) NO.7144215	RVVYP 20Ex0.75mm ²	18.200	172	415
Electrical Installation Cable(RVVYP) NO.7144216	RVVYP 27Ex0.75mm ²	20.700	216	553



Flexible Installation Cable

Electrical Installation Cable(RVVYP)

Catalog No.	Spec.	Nominal OD(mm)	Copper.weight approx (kg/km)	Wight approx(kg/km)
Electrical Installation Cable(RVVYP) NO.7144217	RVVYP36Ex0.75mm ²	22.700	268	660
Electrical Installation Cable(RVVYP) NO.7144218	RVVYP2Cx1.0mm ²	9.000	40	123
Electrical Installation Cable(RVVYP) NO.7144219	RVVYP3Ex1.0mm ²	9.600	46	141
Electrical Installation Cable(RVVYP) NO.7144220	RVVYP4Ex1.0mm ²	10.300	54	157
Electrical Installation Cable(RVVYP) NO.7144221	RVVYP5Ex1.0mm ²	11.400	61	187
Electrical Installation Cable(RVVYP) NO.7144222	RVVYP12Ex1.0mm ²	16.000	125	368
Electrical Installation Cable(RVVYP) NO.7144223	RVVYP16Ex1.0mm ²	17.600	151	442
Electrical Installation Cable(RVVYP) NO.7144224	RVVYP20Ex1.0mm ²	19.700	178	544
Electrical Installation Cable(RVVYP) NO.7144225	RVVYP27Ex1.0mm ²	22.000	223	672
Electrical Installation Cable(RVVYP) NO.7144226	RVVYP36Ex1.0mm ²	24.700	276	846
Electrical Installation Cable(RVVYP) NO.7144227	RVVYP2Cx1.5mm ²	10.200	44	149
Electrical Installation Cable(RVVYP) NO.7144228	RVVYP3Ex1.5mm ²	10.700	51	165
Electrical Installation Cable(RVVYP) NO.7144229	RVVYP4Ex1.5mm ²	11.700	59	192



Flexible Installation Cable

Electrical Installation Cable(RVVYP)

Catalog No.	Spec.	Nominal OD(mm)	Copper.weight approx (kg/km)	Wight approx(kg/km)
Electrical Installation Cable(RVVYP) NO.7144230	RVVYP 5Ex1.5mm ²	12.900	67	229
Electrical Installation Cable(RVVYP) NO.7144231	RVVYP 12Ex1.5mm ²	16.700	127	377
Electrical Installation Cable(RVVYP) NO.7144232	RVVYP 16Ex1.5mm ²	20.500	165	559
Electrical Installation Cable(RVVYP) NO.7144233	RVVYP 20Ex1.5mm ²	23.100	193	697
Electrical Installation Cable(RVVYP) NO.7144234	RVVYP 27Ex1.5mm ²	25.700	239	845
Electrical Installation Cable(RVVYP) NO.7144235	RVVYP 36Ex1.5mm ²	29.000	336	1106
Electrical Installation Cable(RVVYP) NO.7144236	RVVYP 2Cx2.5mm ²	11.600	49	184
Electrical Installation Cable(RVVYP) NO.7144237	RVVYP 3Ex2.5mm ²	12.200	57	203
Electrical Installation Cable(RVVYP) NO.7144238	RVVYP 4Ex2.5mm ²	13.500	66	244
Electrical Installation Cable(RVVYP) NO.7144239	RVVYP 5Ex2.5mm ²	15.100	89	304
Electrical Installation Cable(RVVYP) NO.7144240	RVVYP 12Ex2.5mm ²	21.400	151	575
Electrical Installation Cable(RVVYP) NO.7144241	RVVYP 16Ex2.5mm ²	24.100	180	722
Electrical Installation Cable(RVVYP) NO.7144242	RVVYP 20Ex2.5mm ²	26.300	210	847
Electrical Installation Cable(RVVYP) NO.7144243	RVVYP 27Ex2.5mm ²	30.200	302	1119
Electrical Installation Cable(RVVYP) NO.7144244	RVVYP 36Ex2.5mm ²	33.800	367	1396



Flexible Installation Cable

Electrical Installation Cable H05V-K/H07V-K

Catalog No.	Spec.	Nominal OD (mm)	Conductor resistance(20°C)		Weight approx. (kg/km)
			(BC) Ω/km	(TC)Ω/km	
Electrical Installation Cable H05V-K/H07V-K NO.7144300	H05V-K 0.5mm ²	2.100	4.5	40.1	8.9
Electrical Installation Cable H05V-K/H07V-K NO.7144301	H05V-K 0.75mm ²	2.300	6.7	26.7	11.7
Electrical Installation Cable H05V-K/H07V-K NO.7144302	H05V-K 1.0mm ²	2.500	9.1	20	16.6
Electrical Installation Cable H05V-K/H07V-K NO.7144303	H05V-K 1.5mm ²	3.100	13.7	13.7	22.1
Electrical Installation Cable H05V-K/H07V-K NO.7144304	H05V-K 2.5mm ²	3.800	21.8	8.2	34.4
Electrical Installation Cable H05V-K/H07V-K NO.7144305	H05V-K 4.0mm ²	4.400	35.9	5.1	51.0
Electrical Installation Cable H05V-K/H07V-K NO.7144306	H05V-K 6.0mm ²	5.000	53.9	3.4	71.5
Electrical Installation Cable H05V-K/H07V-K NO.7144307	H05V-K 10mm ²	6.300	91.3	2	118.8
Electrical Installation Cable H05V-K/H07V-K NO.7144308	H05V-K 16mm ²	7.400	143.7	1.2	176.8
Electrical Installation Cable H05V-K/H07V-K NO.7144309	H05V-K 25mm ²	9.100	223.6	0.8	271.9
Electrical Installation Cable H05V-K/H07V-K NO.7144310	H05V-K 35mm ²	10.300	315.9	0.6	370.7

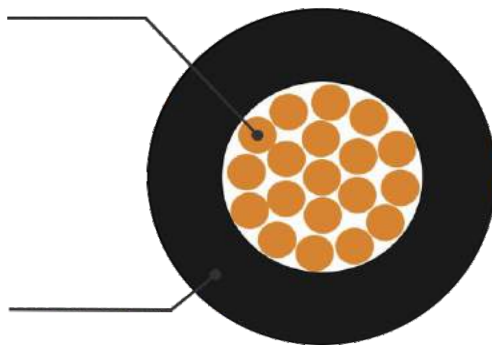


Flexible Installation Cable

Electrical Installation Cable H05V-K/H07V-K

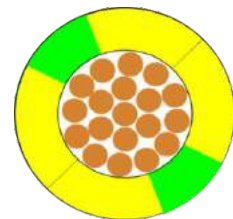
Catalog No.	Spec.	Nominal OD (mm)	Conductor resistance(20°C) (BC) Ω/km (TC)Ω/km		Weight approx. (kg/km)
Electrical Installation Cable H05V-K/H07V-K NO.7144311	H05V-K 50mm ²	12.400	451.7	0.4	534.3
Electrical Installation Cable H05V-K/H07V-K NO.7144312	H05V-K 70mm ²	14.200	641.7	0.3	737.8
Electrical Installation Cable H05V-K/H07V-K NO.7144313	H05V-K 95mm ²	16.300	857.4	0.2	981.9
Electrical Installation Cable H05V-K/H07V-K NO.7144314	H05V-K 120mm ²	17.900	1098.1	0.2	1227.4
Electrical Installation Cable H05V-K/H07V-K NO.7144315	H05V-K 150mm ²	20.000	1361.8	0.1	1533.6
Electrical Installation Cable H05V-K/H07V-K NO.7144316	H05V-K 185mm ²	22.100	1679.1	0.1	1888.7
Electrical Installation Cable H05V-K/H07V-K NO.7144317	H05V-K 240mm ²	25.200	2178.2	0.1	2449.5

Conductor
flexible stranded
copper wire



Insulation
Heat and flame
resistant PVC

Color
black,
white,
blue,
red,
green,
yellow,
yellow/green
ect.

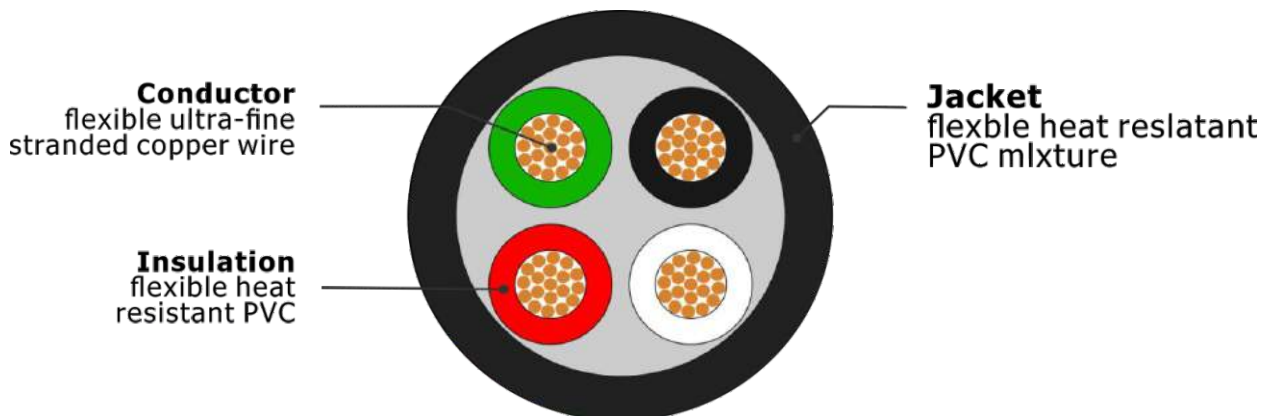




Flexible Installation Cable

European Standard Fixed Installation Cable H03W-F 300V/300V

Catalog No.	Spec.	Nominal OD (mm)	Copper weight approx	Weight approx. (kg/km)
European Standard Fixed Installation Cable H03W-F 300V/300V NO.7144400	H03VV-F 2x0.5mm ²	5.10	9.3	36.9
European Standard Fixed Installation Cable H03W-F 300V/300V NO.7144401	H03VV-F 3x0.5mm ²	5.40	14	44.6
European Standard Fixed Installation Cable H03W-F 300V/300V NO.7144402	H03VV-F 4x0.5mm ²	5.90	18.6	54.1
European Standard Fixed Installation Cable H03W-F 300V/300V NO.7144403	H03VV-F 2x0.75mm ²	5.90	14	50.5
European Standard Fixed Installation Cable H03W-F 300V/300V NO.7144404	H03VV-F 3x0.75mm ²	6.30	20.9	61.7
European Standard Fixed Installation Cable H03W-F 300V/300V NO.7144405	H03VV-F 4x0.75mm ²	6.90	27.9	75.4
European Standard Fixed Installation Cable H03VVH2-F 2x0.5mm ² NO.7144410	H03VVH2-F 2x0.5mm ²	1.95		
European Standard Fixed Installation Cable H03VVH2-F 2x0.75mm ² NO.7144411	H03VVH2-F 2x0.75mm ²	2.15		





Flexible Installation Cable

European Standard Fixed Installation Cable

H05VV-F

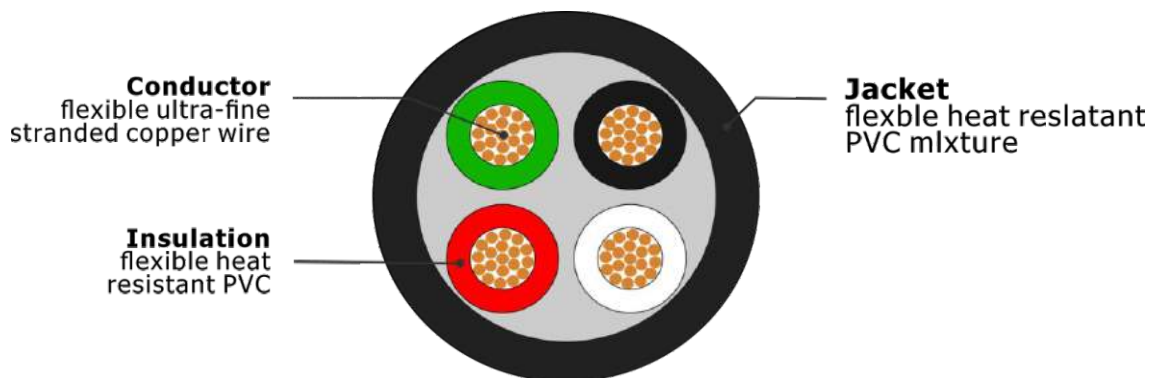
Catalog No.	Spec.	Nominal OD (mm)	Copper weight approx	Weight approx. (kg/km)	
EHO5VV-F 300V/300V NO.7144500	HO5VV-F 2x0.75mm ²	6.30	14	56.2	
HO5VV-F 300V/300V NO.7144501	HO5VV-F 3x0.75mm ²	6.70	20.9	67.7	
HO5VV-F 300V/300V NO.7144502	HO5VV-F 4x0.75mm ²	7.30	27.9	81.9	
HO5VV-F 300V/300V NO.7144503	HO5VV-F 5x0.75mm ²	8.10	34.9	100	
HO5VV-F 300V/300V NO.7144504	HO5VV-F 2x1.00mm ²	6.70	18.6	65.6	
HO5VV-F 300V/300V NO.7144505	HO5VV-F 3x1.00mm ²	7.10	27.9	79.8	
HO5VV-F 300V/300V NO.7144506	HO5VV-F 4x1.00mm ²	8.00	37.2	100.8	
HO5VV-F 300V/300V NO.7144507	HO5VV-F 5x1.00mm ²	8.70	46.5	118.6	
HO5VV-F 300V/300V NO.7144508	HO5VV-F 2x1.50mm ²	7.70	27.3	88.4	
HO5VV-F 300V/300V NO.7144509	HO5VV-F 3x1.50mm ²	8.40	40.9	112.3	
HO5VV-F 300V/300V NO.7144510	HO5VV-F 4x1.50mm ²	9.40	54.5	141.5	
HO5VV-F 300V/300V NO.7144511	HO5VV-F 5x1.50mm ²	10.40	68.2	171.6	



Flexible Installation Cable

European Standard Fixed Installation Cable H05VV-F

Catalog No.	Spec.	Nominal OD (mm)	Copper weight approx	Weight approx. (kg/km)
H05VV-F 300V/300V NO.7144512	H05VV-F2x2.50mm ²	9.30	44.5	133.1
H05VV-F 300V/300V NO.7144513	H05VV-F 3x2.50mm ²	10.10	66.8	169.0
H05VV-F 300V/300V NO.7144514	H05VV-F 4x2.50mm ²	11.00	89.1	207.1
H05VV-F 300V/300V NO.7144515	H05VV-F 5x2.50mm ²	12.20	111.4	251.0
H05VV-F 300V/300V NO.7144516	H05VV-F 2x4.00mm ²	10.70	44	158.1
H05VV-F 300V/300V NO.7144517	H05VV-F 3x4.00mm ²	11.60	66.8	196.2
H05VV-F 300V/300V NO.7144518	H05VV-F 4x4.00mm ²	12.70	89.1	238.0
H05VV-F 300V/300V NO.7144519	H05VV-F 5x4.00mm ²	14.20	111.4	293.0





Flexible Installation Cable

European Standard Fixed Installation Cable H05V2V2-F

Catalog No.	Spec.	Nominal OD (mm)	Copper weight approx	Weight approx. (kg/km)	
H05V2V2-F-F 300V/300V NO.7144530	H05V2V2-F-F 5x4.00mm ²	7.00			
H05V2V2-F-F 300V/300V NO.7144531	H05V2V2-F-F 5x4.00mm ²	7.60			
H05V2V2-F-F 300V/300V NO.7144532	H05V2V2-F-F 4x2.50mm ²	8.00			
H05V2V2-F-F 300V/300V NO.7144533	H05V2V2-F-F 5x2.50mm ²	9.10			
H05V2V2-F-F 300V/300V NO.7144534	H05V2V2-F-F 2x4.00mm ²	10.80			
1 Fixed Installation Cable H05V2V2-F-F 300V/300V NO.7144535	H05V2V2-F-F 3x4.00mm ²	8.10			
H05V2V2-F-F 300V/300V NO.7144536	H05V2V2-F-F 4x4.00mm ²	8.60			
H05V2V2-F-F 300V/300V NO.7144537	H05V2V2-F-F 5x4.00mm ²	8.80			

European Standard Fixed Installation Cable H05V2V2-F

Catalog No.	Spec.	Nominal OD (mm)	Copper weight approx	Weight approx. (kg/km)	
H05W-F 300V/300V NO.7144540	H05VVH2-F 2x0.75mm ²	2.35			
H05W-F 300V/300V NO.7144541	H05VVH2-F 3x1.00mm ²	2.50			



Chain Cable

Z-FLEX20276 PVC flexible singal control cable for drag chain with screen (Multicore)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145000	2*26AWG	4.3	9.5	25	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145001	3*26AWG	4.5	11.6	29	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145002	4*26AWG	4.7	13.7	33	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145003	10*26AWG	6.1	26.9	56	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145004	20*26AWG	7.3	45.3	88	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145005	30*26AWG	8.7	64.3	124	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145006	2*24AWG	4.7	11.9	30	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145007	3*24AWG	4.8	14.1	34	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145008	4*24AWG	5.1	17.1	39	



Chain Cable

Z-FLEX20276 PVC flexible singal control cable for drag chain with screen (Multicore)

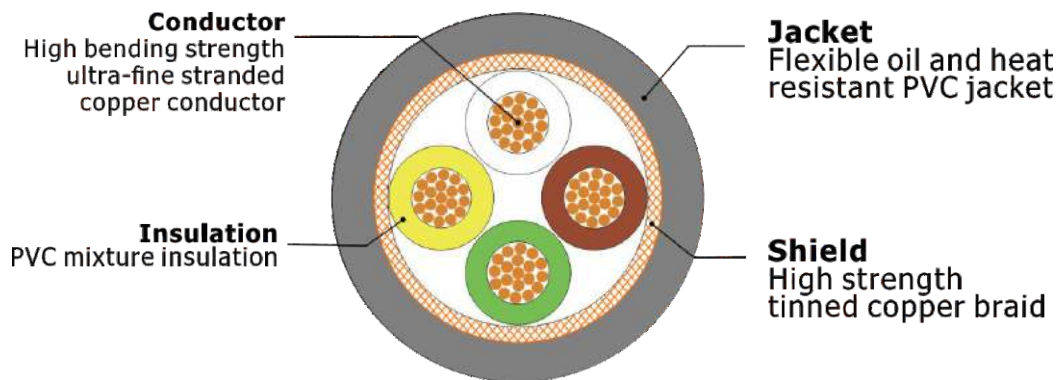
Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145009	10*24AWG	6.9	34.9	71	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145010	20*24AWG	8.3	59.1	113	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145011	30*24AWG	10.1	88.4	166	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145012	2*22AWG	5	15.1	37	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145013	3*22AWG	5.2	18.9	41	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145014	4*22AWG	5.5	23	48	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145015	10*22AWG	7.5	48.3	91	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145016	20*22AWG	9.1	84.7	147	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145017	30*22AWG	11.2	127	218	



Chain Cable

Z-FLEX20276 PVC flexible singal control cable for drag chain with screen (Multicore)

Item No.	Spec.(core*Nominal cross-section) mm²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145018	2*20AWG	5.4	20.6	45	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145019	3*20AWG	5.6	26.4	51	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145020	4*20AWG	6	32.9	61	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145021	10*20AWG	8.3	71.5	120	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145022	20*20AWG	10.3	133.5	207	
Z-FLEX20276 PVC flexible singal control cable for drag chain withscreen(Multicore) NO.7145023	30*20AWG	12.7	199.4	309	





Chain Cable

Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Multicore)

Item No.	Spec.(core*Nominal cross-section) mm²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145050	2*26AWG	3.6	3.1	18	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145051	3*26AWG	3.8	4.5	21	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145052	4*26AWG	4	5.9	23	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145053	10*26AWG	5.4	14.5	41	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145054	20*26AWG	6.6	28.8	69	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145055	30*26AWG	8	43.1	100	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145056	2*24AWG	4	4.1	22	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145057	3*24AWG	4.1	6.1	23	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145058	4*24AWG	4.4	8	28	



Chain Cable

Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Multicore)

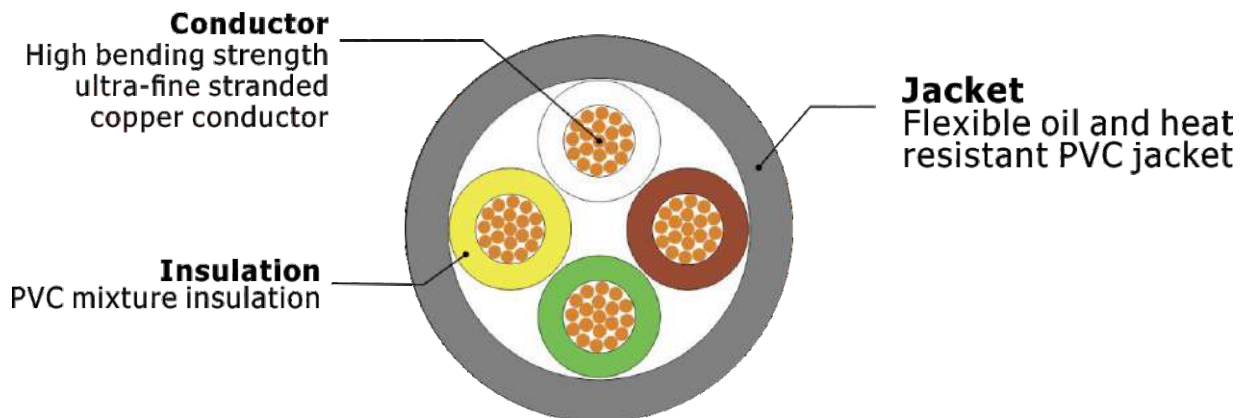
Item No.	Spec.(core*Nominal cross-section) mm²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145059	10*24AWG	6.2	19.7	53	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145060	20*24AWG	7.6	39.3	91	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145061	30*24AWG	9.3	58.8	133	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145062	2*22AWG	4.3	6.4	26	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145063	3*22AWG	4.5	9.5	29	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145064	4*22AWG	4.8	12.6	35	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145065	10*22AWG	6.8	31.2	72	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145066	20*22AWG	8.4	62.1	122	
Z-FLEX20276 PVC flexiblesingalcontrolcablef ordragchainwithoutscreen(Multicore) NO.7145067	30*22AWG	10.4	93.1	182	



Chain Cable

Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Multicore)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Multicore) NO.7145068	2*20AWG	4.7	10.5	32	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Multicore) NO.7145069	3*20AWG	4.9	15.6	38	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Multicore) NO.7145070	4*20AWG	5.3	20.8	46	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Multicore) NO.7145071	10*20AWG	8	51.6	98	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Multicore) NO.7145072	20*20AWG	9.9	103.1	174	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Multicore) NO.7145073	30*20AWG	12.2	154.5	261	





Chain Cable

Z-FLEX-SB20276 PVC flexible singal control cable for drag chain with screen(Twisted)pair)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145100	2*2*26AWG	5.1	15.2	36	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145101	2*3*26AWG	5.6	19.7	42	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145102	2*4*26AWG	6	24	50	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145103	2*10*26AWG	7.9	47.6	92	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145104	2*20*26AWG	10.5	89	160	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145105	2*30*26AWG	11.7	108.1	202	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145106	2*2*24AWG	5.6	19	45	



Chain Cable

Z-FLEX-SB20276 PVC flexible singal control cable for drag chain with screen(Twisted) pair)

Item No.	Spec.(core*Nominal cross-section) mm²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145107	2*3*24AWG	6.3	25.3	56	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145108	2*4*24AWG	6.7	30.5	62	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145109	2*10*24AWG	9	61.9	120	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145110	2*20*24AWG	12	116	209	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145111	2*30*24AWG	13.7	148.1	271	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145112	2*2*22AWG	6.1	25.2	57	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145113	2*3*22AWG	6.8	33.8	68	



Chain Cable

Z-FLEX-SB20276 PVC flexible singal control cable for drag chain with screen(Twisted) pair)

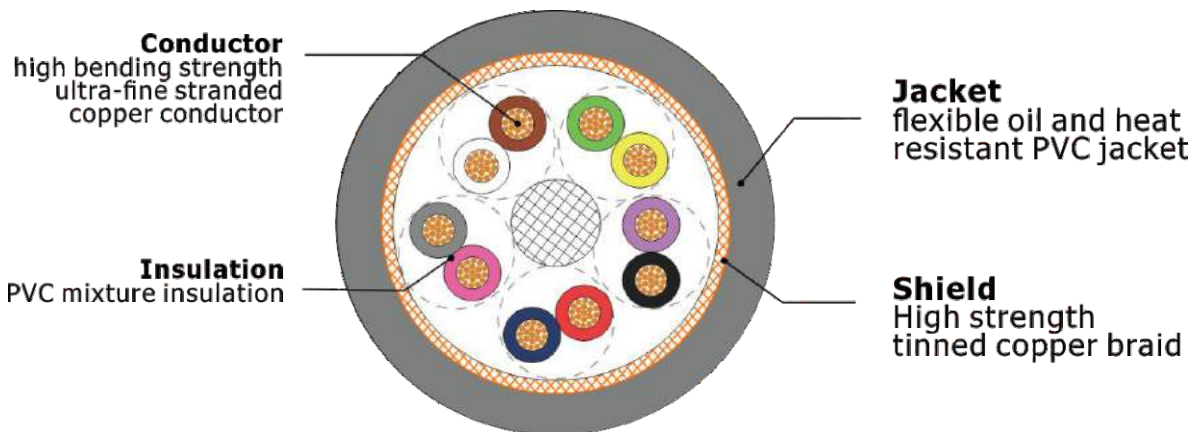
Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145114	2*4*22AWG	7.4	42.1	82	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145115	2*10*22AWG	10	91.8	161	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145116	2*20*22AWG	13.5	173.4	284	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145117	2*30*22AWG	212.5	0	382	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145118	2*2*20AWG	6.7	35.5	73	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145119	2*3*20AWG	7.6	48.9	91	
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145120	2*4*20AWG	8.2	61.3	108	



Chain Cable

Z-FLEX-SB20276 PVC flexible singal control cable for drag chain with screen(Twisted) pair)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145121	2*10*20AWG	11.3	138.3	220
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145122	2*20*20AWG	16.3	264.6	423
Z-FLEX-SB20276 PVC flexible singal controlcablefordragchainwithscreen(Twisted pair)) NO.7145123	2*30*20AWG	18.3	325.2	524





Chain Cable

Z-FLEX20276 PVC flexible singal control cable for drag chain without screen(Twisted pair)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145150	2*2*26AWG	3.5	6	25	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145151	2*3*26AWG	5	8.8	29	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145152	2*4*26AWG	5.4	11.7	35	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145153	2*10*26AWG	7.3	29	71	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145154	2*20*26AWG	9.8	57.7	126	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145155	2*25*26AWG	11	72.1	164	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145156	2*2*24AWG	5	8.1	32	



Chain Cable

Z-FLEX20276 PVC flexible singal control cable for drag chain without screen(Twisted pair)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145157	2*3*24AWG	5.7	12	40
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145158	2*4*24AWG	6.1	15.9	45
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145159	2*10*24AWG	8.4	39.5	95
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145160	2*20*24AWG	11.3	78.9	169
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145161	2*25*24AWG	12.9	98.5	218
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145162	2*2*22AWG	5.5	12.7	42
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145163	2*3*22AWG	6.2	18.9	50



Chain Cable

Z-FLEX20276 PVC flexible singal control cable for drag chain without screen(Twisted pair)

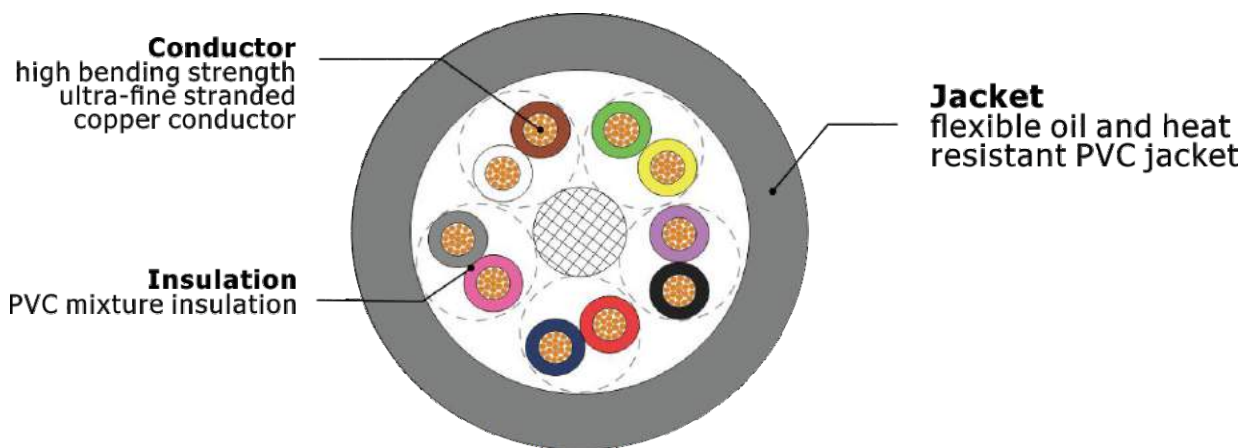
Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145164	2*4*22AWG	6.8	25.1	63	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145165	2*10*22AWG	9.3	62.4	129	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145166	2*20*22AWG	12.7	124.7	232	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145167	2*25*22AWG	15.5	155.8	327	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145168	2*2*20AWG	6.1	20.9	55	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145169	2*3*20AWG	7	31.3	71	
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145170	2*4*20AWG	7.6	41.6	86	



Chain Cable

Z-FLEX20276 PVC flexible singal control cable for drag chain without screen(Twisted pair)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145171	2*10*20AWG	10.6	103.8	183
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145172	2*20*20AWG	15.6	207.4	368
Z-FLEX20276 PVC flexible singal control cable for drag chain without screen (Twisted pair) NO.7145173	2*25*20AWG	17.6	259.2	460





Chain Cable

Z-FLEX20276 PVC flexible control cable for drag chain without screen

Item No.	Spec.(core*Nominal cross-section) mm²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145200	2*0.25	4.2	4.6	23	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145201	3*0.25	4.4	6.9	28	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145202	4*0.25	4.7	9.3	33	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145203	6*0.25	5.5	13.9	44	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145204	8*0.25	6.2	18.5	55	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145205	10*0.25	6.7	23.1	64	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145206	12*0.25	6.9	27.8	73	



Chain Cable

Z-FLEX20276 PVC flexible control cable for drag chain without screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145207	14*0.25	7.2	32.4	82	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145208	18*0.25	8	41.6	100	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145209	20*0.25	8.3	46.3	109	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145210	24*0.25	9.5	55.5	134	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145211	30*0.25	10	69.4	160	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145212	40*0.25	11.1	92.5	203	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145213	2*0.34	4.4	6.3	27	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145214	3*0.34	4.6	9.4	34	



Chain Cable

Z-FLEX20276 PVC flexible control cable for drag chain without screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145215	4*0.34	5	12.6	39	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145216	6*0.34	5.8	18.8	53	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145217	8*0.34	6.6	25.1	65	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145218	10*0.34	7.1	31.4	77	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145219	12*0.34	7.3	37.7	88	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145220	14*0.34	7.7	44	99	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145221	18*0.34	8.5	56.5	121	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145222	20*0.34	8.9	62.8	133	



Chain Cable

Z-FLEX20276 PVC flexible control cable for drag chain without screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145223	24*0.34	10.1	75.3	162	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145224	30*0.34	10.7	94.2	194	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145225	40*0.34	11.9	125.6	248	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145226	2*0.50	5	9.5	34	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145227	3*0.50	5.2	14.3	43	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145228	4*0.50	5.6	19	52	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145229	6*0.50	6.6	28.6	71	



Chain Cable

Z-FLEX20276 PVC flexible control cable for drag chain without screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145230	8*0.50	7.6	38.1	88	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145231	10*0.50	8.2	47.6	105	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145232	12*0.50	8.5	57.1	121	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145233	14*0.50	8.9	66.6	137	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145234	18*0.50	9.9	85.7	169	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145235	20*0.50	10.4	95.2	186	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145236	24*0.50	11.8	114.2	227	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145237	30*0.50	12.4	142.8	273	



Chain Cable

Z-FLEX20276 PVC flexible control cable for drag chain without screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145238	40*0.50	13.9	190.4	352	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145239	2*0.75	5.4	14.3	42	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145240	3*0.75	5.7	21.4	55	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145241	4*0.75	6.2	28.6	66	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145242	6*0.75	7.3	42.8	91	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145243	10*0.75	9.1	71.4	138	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145244	12*0.75	9.4	85.7	160	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145245	20*0.75	11.8	142.8	258	



Chain Cable

Z-FLEX20276 PVC flexible control cable for drag chain without screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145246	24*0.75	13.1	171.3	302	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145247	30*0.75	13.9	214.1	367	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145248	2*1.0	5.9	18.8	51	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145249	3*1.0	6.3	28.2	67	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145250	4*1.0	6.8	37.6	82	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145251	6*1.0	8	56.4	114	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145252	10*1.0	10.4	94	181	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145253	12*1.0	10.8	112.8	211	



Chain Cable

Z-FLEX20276 PVC flexible control cable for drag chain without screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145254	20*1.0	13.2	188	328	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145255	24*1.0	15.1	225.6	400	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145256	30*1.0	15.9	282	485	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145257	2*1.5	6.7	27.5	67	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145258	3*1.5	7.1	41.3	88	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145259	4*1.5	7.7	55.1	113	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145260	6*1.5	9.5	82.6	162	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145261	10*1.5	12	137.7	248	



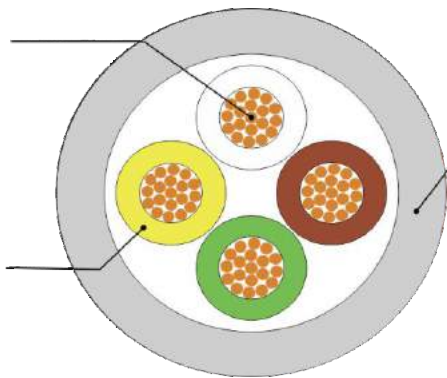
Chain Cable

Z-FLEX20276 PVC flexible control cable for drag chain without screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145262	12*1.5	12.8	165.2	300	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145263	20*1.5	15.7	275.4	467	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145264	24*1.5	17.4	330.5	551	
Z-FLEX20276 PVC flexible control cable for drag chain without screen NO.7145265	30*1.5	18.4	413.1	672	

Conductor
high bending strength
ultra-fine stranded
copper conductor;
acccording to IEC60228 Class5

Insulation
PVC mixture insulation,
color according to DIN 47100



Jacket
high abrasion
resistant PVC jacket



Chain Cable

Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145300	2*0.25	4.7	14	33	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145301	3*0.25	4.9	17	39	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145302	4*0.25	5.2	20.5	45	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145303	6*0.25	6	27.9	59	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145304	8*0.25	6.7	35.4	72	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145305	10*0.25	7.2	41.8	83	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145306	12*0.25	7.4	47.2	93	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145307	14*0.25	7.7	53	103	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145308	18*0.25	8.5	65	123	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145309	20*0.25	8.9	71.1	135	



Chain Cable

Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145310	24*0.25	10	83.6	163	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145311	30*0.25	10.7	109.3	201	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145312	40*0.25	11.8	138	250	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145313	2*0.34	4.9	16.4	37	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145314	3*0.34	5.1	20.3	45	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145315	4*0.34	5.5	24.7	52	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145316	6*0.34	6.3	34	68	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145317	8*0.34	7.1	43.4	84	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145318	10*0.34	7.6	51.6	97	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145319	12*0.34	7.3	37.7	110	



Chain Cable

Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145320	14*0.34	7.7	44	121	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145321	18*0.34	8.5	56.5	146	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145322	20*0.34	8.9	62.8	161	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145323	24*0.34	10.1	75.3	204	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145324	30*0.34	10.7	94.2	238	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145325	40*0.34	11.9	125.6	298	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145326	2*0.50	5	9.5	46	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145327	3*0.50	5.2	14.3	57	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145328	4*0.50	5.6	19	67	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145329	6*0.50	6.6	28.6	89	



Chain Cable

Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145330	8*0.50	7.6	38.1	110	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145331	10*0.50	8.2	47.6	130	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145332	12*0.50	8.5	57.1	147	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145333	14*0.50	8.9	66.6	164	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145334	18*0.50	9.9	85.7	210	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145335	20*0.50	10.4	95.2	230	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145336	24*0.50	11.8	114.2	276	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145337	30*0.50	12.4	142.8	326	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145338	40*0.50	13.9	190.4	412	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145339	2*0.75	5.4	14.3	56	



Chain Cable

Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145340	3*0.75	5.7	21.4	70	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145341	4*0.75	6.2	28.6	83	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145342	6*0.75	7.3	42.8	112	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145343	10*0.75	9.1	71.4	166	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145344	12*0.75	9.4	85.7	189	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145345	20*0.75	11.8	142.8	307	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145346	24*0.75	13.1	171.3	359	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145347	30*0.75	13.9	214.1	427	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145348	2*1.0	5.9	18.8	67	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145349	3*1.0	6.3	28.2	85	



Chain Cable

Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen

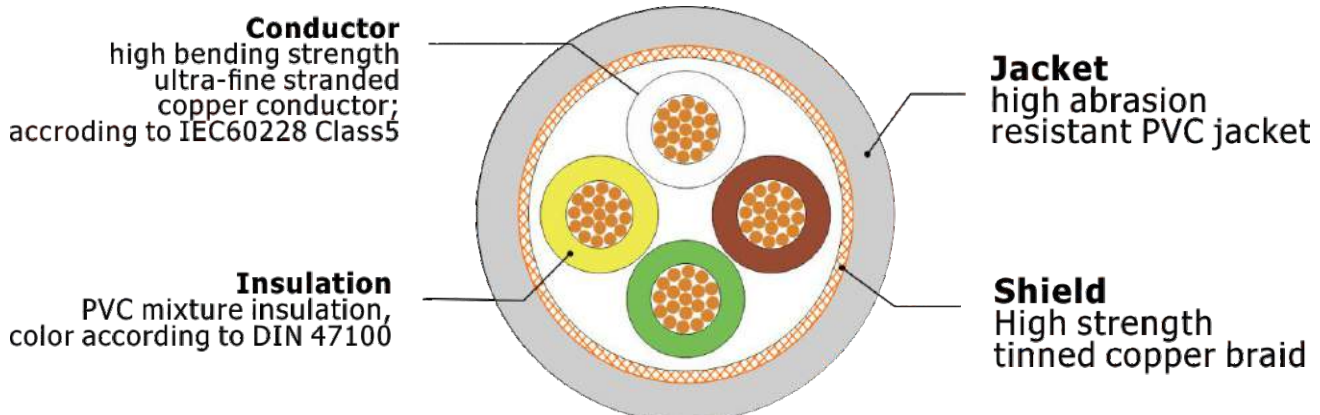
Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145350	4*1.0	6.8	37.6	101	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145351	6*1.0	8	56.4	138	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145352	10*1.0	10.4	94	224	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145353	12*1.0	10.8	112.8	256	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145354	20*1.0	13.2	188	385	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145355	24*1.0	15.1	225.6	465	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145356	30*1.0	15.9	282	553	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145357	2*1.5	6.7	27.5	86	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145358	3*1.5	7.1	41.3	109	
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145359	4*1.5	7.7	55.1	136	



Chain Cable

Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145360	6*1.5	9.5	82.6	191
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145361	10*1.5	12	137.7	298
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145362	12*1.5	12.8	165.2	353
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145363	20*1.5	15.7	275.4	535
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145364	24*1.5	17.4	330.5	627
Z-FLEX-SB2464 PVC flexible control cable for drag chain with screen NO.7145365	30*1.5	18.4	413.1	753

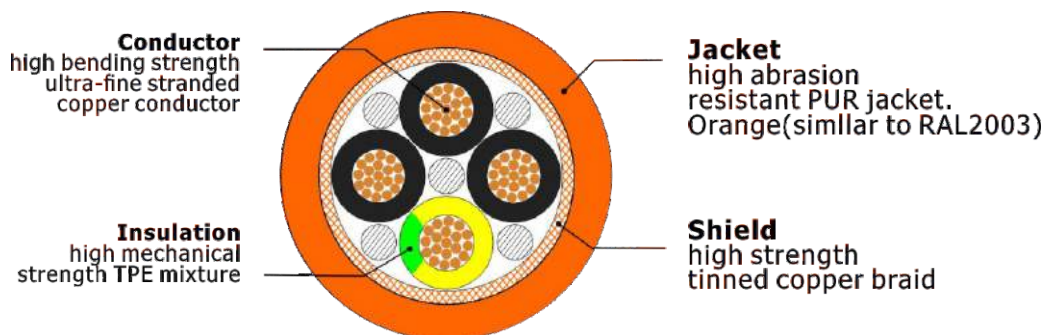




SERVO Motor Cables

Z-SERVO PUR flexible,screened cable for servo motor

Item No.	Spec.(core*Nominal cross-section) mm²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
Z-SERVO PUR flexible,screened cable for servo motor NO.7146000	4G*1.5	9	81	120
Z-SERVO PUR flexible,screened cable for servo motor NO.7146001	4G*2.5	10.1	122	171
Z-SERVO PUR flexible,screened cable for servo motor NO.7146002	4G*4	13.4	205	280
Z-SERVO PUR flexible,screened cable for servo motor NO.7146003	4G*6	15	289	381
Z-SERVO PUR flexible,screened cable for servo motor NO.7146004	4G*10	19.4	469	651
Z-SERVO PUR flexible,screened cable for servo motor NO.7146005	4G*16	22.3	711	942
Z-SERVO PUR flexible,screened cable for servo motor NO.7146006	4G*25	28.6	1112	1508
Z-SERVO PUR flexible,screened cable for servo motor NO.7146007	4G*35	31.8	1499	1975





SERVO Motor Cables

Z-SERVO PUR flexible, screened control cable for servo motor

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-SERVO PUR flexible, screened control cable for servo motor NO.7146020	(4G*0.75+(2*0.5)D)D	9.4	75	131	
Z-SERVO PUR flexible, screened control cable for servo motor NO.7146021	(4G*1.5+(2*1.5)D)D	11.1	139	212	
Z-SERVO PUR flexible, screened control cable for servo motor NO.7146022	(4G*2.5+(2*1.5)D)D	12.5	180	274	
Z-SERVO PUR flexible, screened control cable for servo motor NO.7146023	(4G*4.0+(2*1.5)D)D	15.4	264	400	
Z-SERVO PUR flexible, screened control cable for servo motor NO.7146024	(4G*6.0+(2*1.5)D)D	16.9	348	504	
Z-SERVO PUR flexible, screened control cable for servo motor NO.7146025	(4G*10+(2*1.5)D)D	20.8	519	773	
Z-SERVO PUR flexible, screened control cable for servo motor NO.7146026	(4G*16+(2*1.5)D)D	23.6	790	1096	
Z-SERVO PUR flexible, screened control cable for servo motor NO.7146027	(4G*25+(2*1.5)D)D	27.7	1162	1594	
Z-SERVO PUR flexible, screened control cable for servo motor NO.7146028	(4G*35+(2*1.5)D)D	32	1551	2128	



SERVO Motor Cables

Z-SERVOPVC flexible,screened control cable for servo motorencoder

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
Z-SERVOPVC flexible,screened control cable for servo motorencoder NO.7146030	(4G*0.75+(2*0.5)D)D	10.1	74	157
Z-SERVOPVC flexible,screened control cable for servo motorencoder NO.7146031	(4G*1.5+(2*1.5)D)D	11.8	137	244
Z-SERVOPVC flexible,screened control cable for servo motorencoder NO.7146032	(4G*2.5+(2*1.5)D)D	13.2	178	310
Z-SERVOPVC flexible,screened control cable for servo motorencoder NO.7146033	(4G*4.0+(2*1.5)D)D	16	262	448
Z-SERVOPVC flexible,screened control cable for servo motorencoder NO.7146034	(4G*6.0+(2*1.5)D)D	17.5	344	558
Z-SERVOPVC flexible,screened control cable for servo motorencoder NO.7146035	(4G*10+(2*1.5)D)D	21.4	514	843
Z-SERVOPVC flexible,screened control cable for servo motorencoder NO.7146036	(4G*16+(2*1.5)D)D	24.2	782	1176
Z-SERVOPVC flexible,screened control cable for servo motorencoder NO.7146037	(4G*25+(2*1.5)D)D	28.3	1151	1694
Z-SERVOPVC flexible,screened control cable for servo motorencoder NO.7146038	(4G*35+(2*1.5)D)D	32.6	1536	2246



SERVO Motor Cables

Z-SERVO PVC flexible,screened control cable for servo motorencoder

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-SERVO PVC flexible,screened control cable for servo motorencoder NO.7146039	(4G*0.75+2*(2*0.34)D)D	11.3	93	145	
Z-SERVO PVC flexible,screened control cable for servo motorencoder NO.7146040	(4G*1.0+2*(2*0.75)D)D	12.7	128	242	
Z-SERVO PVC flexible,screened control cable for servo motorencoder NO.7146041	(4G*1.5+2*(2*1.5)D)D	14.7	194	344	
Z-SERVO PVC flexible,screened control cable for servo motorencoder NO.7146042	(4G*2.5+2*(2*1.5)D)D	15.2	233	392	
Z-SERVO PVC flexible,screened control cable for servo motorencoder NO.7146043	(4G*4.0+2*(2*1.5)D)D	17.9	320	532	
Z-SERVO PVC flexible,screened control cable for servo motorencoder NO.7146044	(4G*6.0+2*(2*1.5)D)D	19.2	401	639	
Z-SERVO PVC flexible,screened control cable for servo motorencoder NO.7146045	(4G*10+2*(2*1.5)D)D	22.9	575	927	
Z-SERVO PVC flexible,screened control cable for servo motorencoder NO.7146046	(4G*16+2*(2*1.5)D)D	25.6	841	1256	
Z-SERVO PVC flexible,screened control cable for servo motorencoder NO.7146047	(4G*25+2*(2*1.5)D)D	30.8	1211	1842	
Z-SERVO PVC flexible,screened control cable for servo motorencoder NO.7146048	(4G*35+2*(2*1.5)D)D	32.6	1584	2288	



Robotics Cables

Z-ROB-SB PUR screened control cable for robot(Multicore)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147000	2*0.14	4.8	10	30
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147001	4*0.14	5.3	14	38
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147002	6*0.14	6	19	48
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147003	10*0.14	7.1	28	67
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147004	20*0.14	8.6	46	103
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147005	30*0.14	10	66	140
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147006	2*0.20	5.1	13	34
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147007	4*0.20	5.6	18	45
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147008	6*0.20	6.4	25	57
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147009	10*0.20	7.7	37	81



SERVO Motor Cables

Z-ROB-SB PUR screened control cable for robot(Multicore)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147010	20*0.20	9.4	63	128	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147011	30*0.20	10.9	92	176	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147012	2*0.30	5.4	15	39	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147013	4*0.30	6	23	52	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147014	6*0.30	6.9	32	68	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147015	10*0.30	8.3	48	97	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147016	20*0.30	10.3	88	160	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147017	30*0.30	11.9	124	218	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147018	2*0.50	5.9	21	47	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147019	4*0.50	6.6	33	66	



SERVO Motor Cables

Z-ROB-SB PUR screened control cable for robot(Multicore)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147020	6*0.50	7.5	46	87
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147021	10*0.50	9.2	71	127
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147022	20*0.50	11.5	132	216
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147023	30*0.50	13.8	194	316
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147024	2*0.75	6.7	28	60
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147025	4*0.75	7.6	45	87
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147026	6*0.75	8.8	64	117
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147027	10*0.75	11	104	179
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147028	20*0.75	14.2	192	322
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147029	30*0.75	16.5	275	445



SERVO Motor Cables

Z-ROB-SB PUR screened control cable for robot(Multicore)

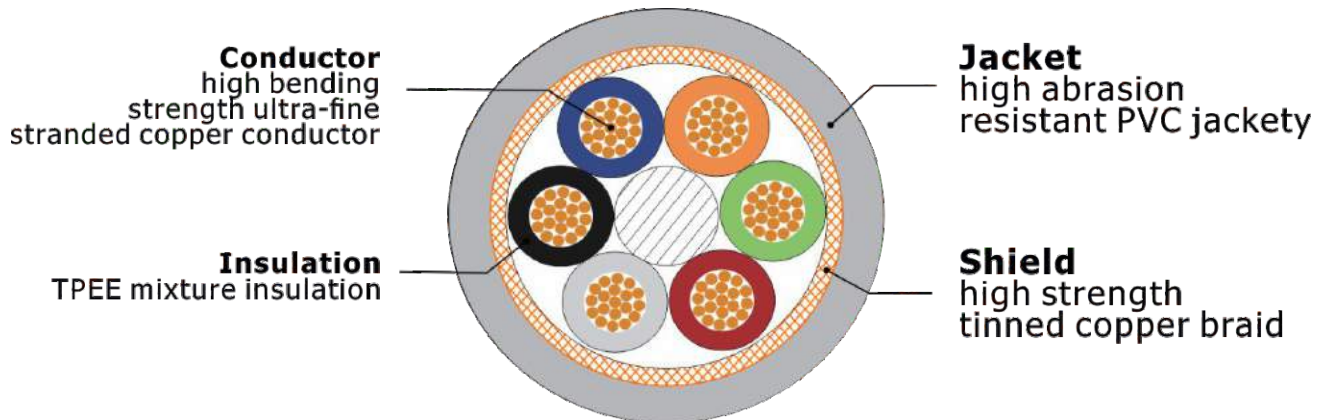
Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147030	2*0.10	7.1	33	68	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147031	4*0.10	8.1	55	101	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147032	6*0.10	9.4	78	136	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147033	10*0.10	11.8	127	209	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147034	20*0.10	15.3	237	379	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147035	2*1.5	7.7	46	84	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147036	4*1.5	8.8	78	129	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147037	6*1.5	10.4	116	182	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147038	10*1.5	13.5	188	293	
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147039	20*1.5	16.9	347	508	



SERVO Motor Cables

Z-ROB-SB PUR screened control cable for robot(Multicore)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147040	2*2.5	8.8	67	112
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147041	4*2.5	10.2	121	182
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147042	6*2.5	12.4	174	264
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147043	10*2.5	15.7	285	411
Z-ROB-SB PUR screened control cable for robot(Multicore) NO.7147044	20*2.5	20.7	534	768





Robotics Cables

Z-ROB-SB PUR screened control cable for robot(Twisted pair)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147050	2P*0.14	6.6	18.5	47.9	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147051	4P*0.14	7.2	25.7	61.9	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147052	6P*0.14	8.4	34.9	77.7	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147053	10P*0.14	10.4	55.4	111.8	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147054	2P*0.20	7.2	23.5	56.6	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147055	4P*0.20	7.8	33.7	75	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147056	6P*0.20	9.1	46.2	94.3	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147057	10P*0.20	11.4	74.2	137.2	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147058	15P*0.20	14.8	111.9	217.7	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147059	2P*0.30	7.7	28.9	64.8	



Robotics Cables

Z-ROB-SB PUR screened control cable for robot(Twisted pair)

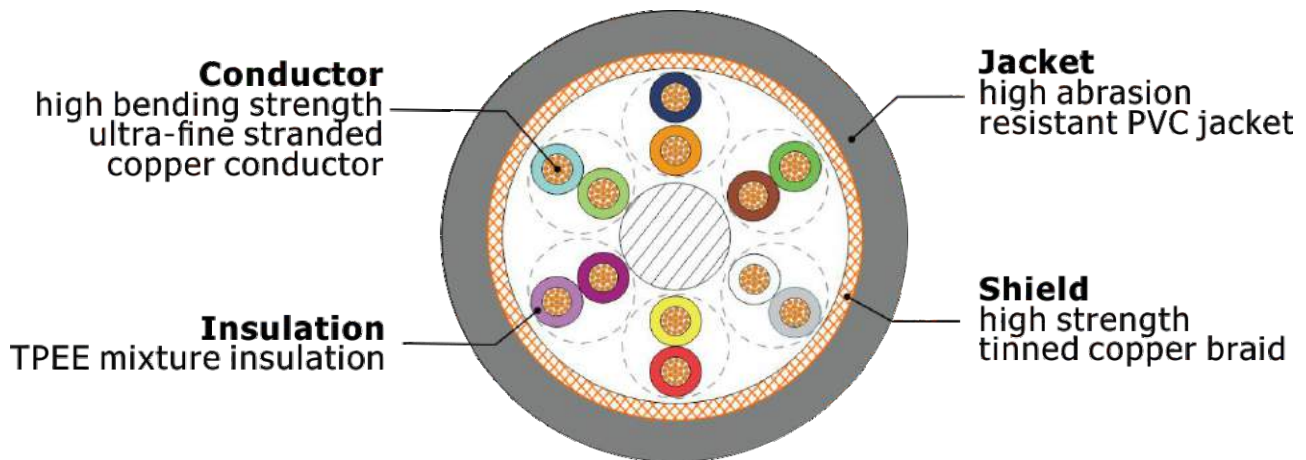
Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147060	4P*0.30	8.5	43.5	88.8	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147061	6P*0.30	10	63.7	117.1	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147062	10P*0.30	12.9	97.1	178	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147063	15P*0.30	16.2	146.1	263.5	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147064	2P*0.50	8.5	39.5	80.4	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147065	4P*0.50	9.4	62.4	114.8	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147066	6P*0.50	11.2	92.2	154	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147067	10P*0.50	14.5	148.8	243.3	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147068	15P*0.50	18.3	215.1	355.6	
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147069	2P*0.75	10.2	57.8	110	



Robotics Cables

Z-ROB-SB PUR screened control cable for robot(Twisted pair)

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147070	4P*0.75	11.2	90.9	159.1
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147071	6P*0.75	13.8	133.8	226
Z-ROB-SB PUR screened control cable for robot(Twisted pair) NO.7147072	10P*0.75	17.4	207.9	329.8

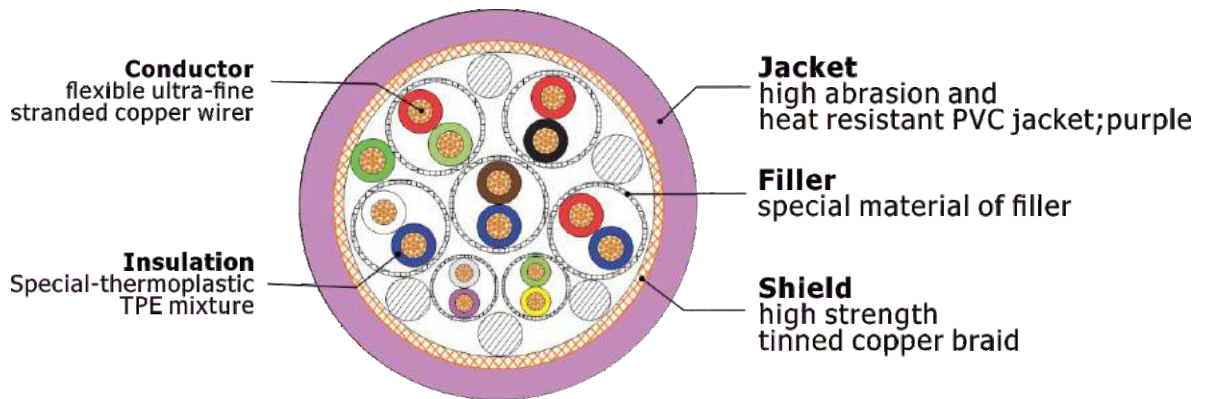




Robotics Cables

MULTI BUS hybrid cable

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
MULTI BUS hybrid cable NO.7147080	Interbus(2*0.25mm ²)+Devicenet(2*0.34 mm ²)+(2*1.0mm ²)+1.0mm ²	210.5	65	135
MULTI BUS hybrid cable NO.7147081	Interbus(2P*0.25mm ²)+Devicenet(2P*0.34mm ²)+(2P*1.0mm ²)+profibus(2*0.34mm ²)+1.0 mm ²	214.5	130	270

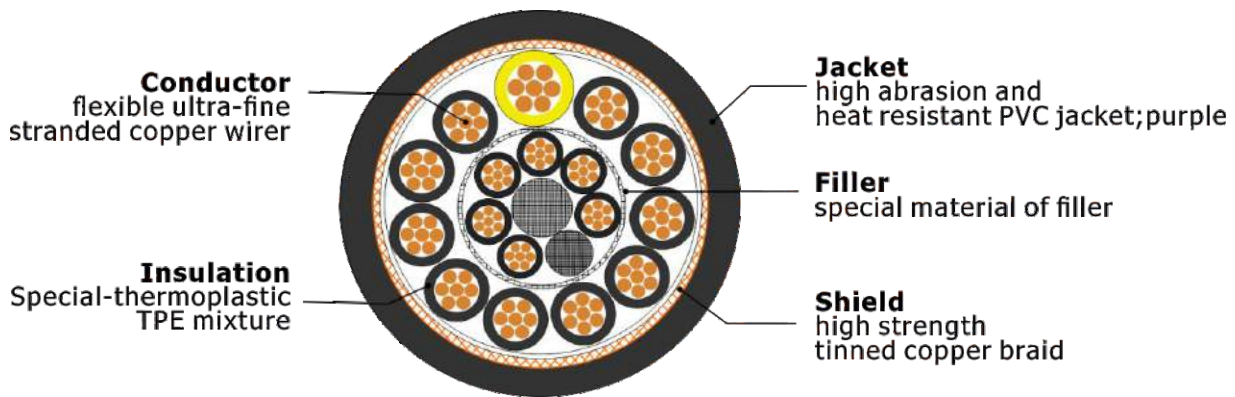




Robotics Cables

Hybrid electronic control cable for servo motor

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)
Hybrid electronic control cable for servo motor NO.7147090	Interbus(2*0.25mm ²)+Devicenet(2*0.34mm ²)+(2*1.0mm ²)+1.0mm ²	210.5	65	135
Hybrid electronic control cable for servo motor NO.7147091	Interbus(2P*0.25mm ²)+Devicenet(2P*0.34mm ²)+(2P*1.0mm ²)+profibus(2*0.34mm ²)+1.0mm ²	214.5	130	270

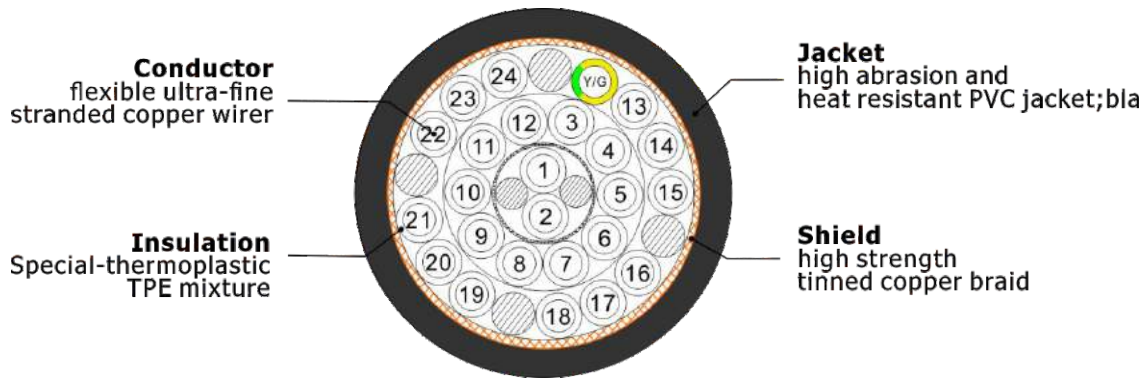




Robotics Cables

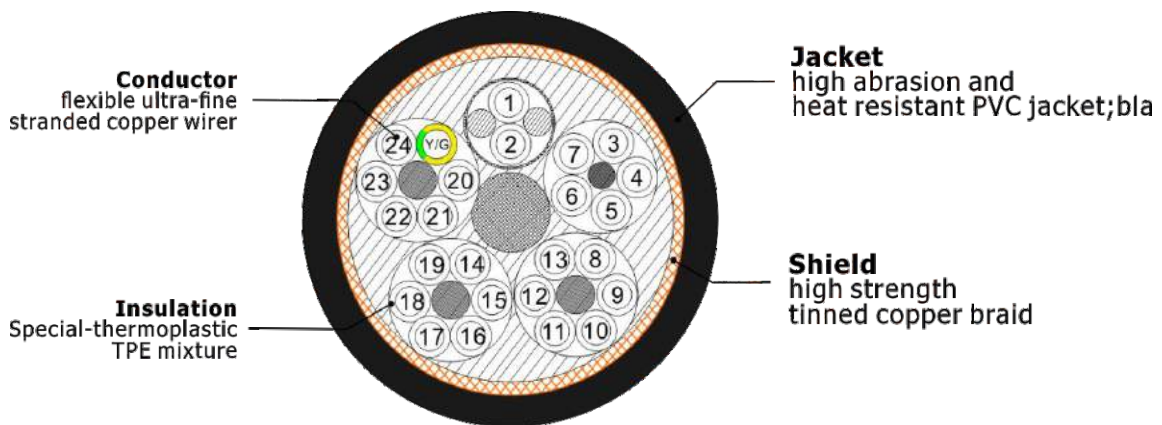
Hybrid electronic control cable

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Hybrid electronic control cable NO.7147096	23*1.0mm ² + (2*1.0mm ²) C	16.5	220	355	



Abrasion resistant hybrid electronic control cable

Item No.	Spec.(core*Nominal cross-section) mm ²	Nominal OD(mm)	Copper.weight approx (kg/km)	Weight approx(kg/km)	
Abrasion resistant hybrid electronic control cable NO.7147096	23*1.0mm ² + (2*1.0mm ²) C	13.4	230	400	





Hook Up wire

UL 1007/1569 HOOK UP WIRE

Item No.		AWG SIZE	Conductor Stranded	NOM O.D. (Inches)	NOM O.D. (mm)	UL STYLE	
UL 1007/1569 HOOK UP WIRE NO.7148000		30	7/38	0.044	1.12	1007	
UL 1007/1569 HOOK UP WIRE NO.7148001		28	Solid	0.045	1.14	1007	
UL 1007/1569 HOOK UP WIRE NO.7148002		28	7/36	0.047	1.19	1007	
UL 1007/1569 HOOK UP WIRE NO.7148003		26	Solid	0.048	1.22	1007	
UL 1007/1569 HOOK UP WIRE NO.7148004		26	7/34	0.051	1.30	1007	
UL 1007/1569 HOOK UP WIRE NO.7148005		24	Solid	0.052	1.32	1007	
UL 1007/1569 HOOK UP WIRE NO.7148006		24	7/32	0.057	1.45	1007	
UL 1007/1569 HOOK UP WIRE NO.7148007		22	Solid	0.059	1.50	1007	
UL 1007/1569 HOOK UP WIRE NO.7148008		22	7/28	0.064	1.63	1007	
UL 1007/1569 HOOK UP WIRE NO.7148009		20	Solid	0.065	1.65	1007	
UL 1007/1569 HOOK UP WIRE NO.7148010		20	7/28	0.069	1.75	1007	



UL 1007/1569 HOOK UP WIRE

Item No.	AWG SIZE	Conductor Stranded	NOM O.D. (Inches)	NOM O.D. (mm)	UL STYLE
UL 1007/1569 HOOK UP WIRE NO.7148011	20	10/30	0.071	1.80	1007
UL 1007/1569 HOOK UP WIRE NO.7148012	18	Solid	0.074	1.88	1007
UL 1007/1569 HOOK UP WIRE NO.7148013	18	16/30	0.081	2.06	1007
UL 1007/1569 HOOK UP WIRE NO.7148014	16	Solid	0.084	2.13	1007
UL 1007/1569 HOOK UP WIRE NO.7148015	16	26/30	0.094	2.39	1007
UL 1007/1569 HOOK UP WIRE NO.7148016	14	41/30	0.11	2.79	1569
UL 1007/1569 HOOK UP WIRE NO.7148017	12	65/30	0.131	3.33	1569
UL 1007/1569 HOOK UP WIRE NO.7148018	10	105/30	0.145	3.68	1569





Hook Up wire

UL 1007/1569 HOOK UP WIRE

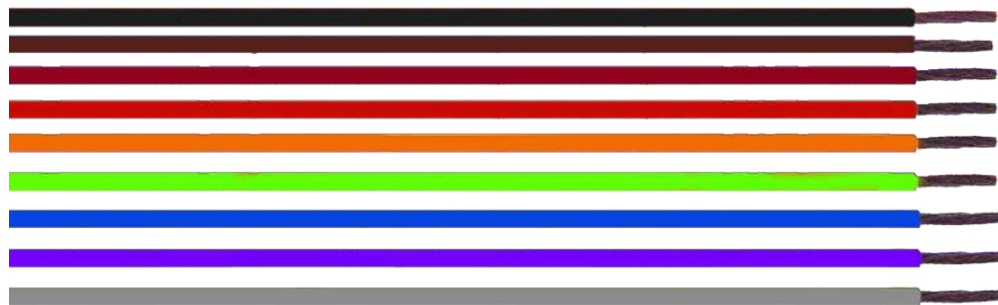
Item No.	AWG SIZE	Conductor Stranded	NOM O.D. (Inches)	NOM O.D. (mm)	UL STYLE
UL 1007/1569 HOOK UP WIRE NO.7148100	26	Solid	0.08	2.03	1015
UL 1007/1569 HOOK UP WIRE NO.7148101	26	7/34	0.083	2.11	1015
UL 1007/1569 HOOK UP WIRE NO.7148102	24	Solid	0.084	2.13	1015
UL 1007/1569 HOOK UP WIRE NO.7148103	24	7/32	0.089	2.26	1015
UL 1007/1569 HOOK UP WIRE NO.7148104	22	Solid	0.09	2.29	1015
UL 1007/1569 HOOK UP WIRE NO.7148105	22	7/30	0.095	2.41	1015
UL 1007/1569 HOOK UP WIRE NO.7148106	20	Solid	0.095	2.41	1015
UL 1007/1569 HOOK UP WIRE NO.7148107	20	10/30	0.102	2.59	1015
UL 1007/1569 HOOK UP WIRE NO.7148108	18	Solid	0.106	2.69	1015
UL 1007/1569 HOOK UP WIRE NO.7148109	18	16/30	0.112	2.84	1015
UL 1007/1569 HOOK UP WIRE NO.7148110	16	Solid	0.115	2.92	1015



Hook Up wire

UL 1015 HOOK UP WIRE

Item No.	AWG SIZE	Conductor Stranded	NOM O.D. (Inches)	NOM O.D. (mm)	UL STYLE
UL 1007/1569 HOOK UP WIRE NO.7148111	16	26/30	0.125	3.18	1015
UL 1007/1569 HOOK UP WIRE NO.7148112	14	Solid	0.128	3.25	1015
UL 1007/1569 HOOK UP WIRE NO.7148113	14	41/30	0.14	3.56	1015
UL 1007/1569 HOOK UP WIRE NO.7148114	12	Solid	0.145	3.68	1015
UL 1007/1569 HOOK UP WIRE NO.7148115	12	65/30	0.163	4.14	1015
UL 1007/1569 HOOK UP WIRE NO.7148116	10	65/28	0.18	4.57	1015
UL 1007/1569 HOOK UP WIRE NO.7148117	10	105/30	0.194	4.93	1015





Hook Up wire

UL 1061 HOOK UP WIRE

Item No.	AWG SIZE	Conductor Stranded	NOM O.D. (Inches)	NOM O.D. (mm)	UL STYLE
UL 1061 HOOK UP WIRE NO.7148200	30	Solid	0.03	0.76	1061
UL 1061 HOOK UP WIRE NO.7148201	28	Solid	0.033	0.84	1061
UL 1061 HOOK UP WIRE NO.7148202	28	7/36	0.035	0.89	1061
UL 1061 HOOK UP WIRE NO.7148203	26	Solid	0.038	0.97	1061
UL 1061 HOOK UP WIRE NO.7148204	26	7/34	0.039	0.99	1061
UL 1061 HOOK UP WIRE NO.7148205	24	Solid	0.042	1.07	1061
UL 1061 HOOK UP WIRE NO.7148206	24	7/32	0.045	1.14	1061
UL 1061 HOOK UP WIRE NO.7148207	22	Solid	0.047	1.19	1061
UL 1061 HOOK UP WIRE NO.7148208	22	7/30	0.051	1.30	1061
UL 1061 HOOK UP WIRE NO.7148209	20	Solid	0.053	1.35	1061
UL 1061 HOOK UP WIRE NO.7148210	20	7/28	0.057	1.45	1061
UL 1061 HOOK UP WIRE NO.7148211	20	10/30	0.056	1.42	1061
UL 1061 HOOK UP WIRE NO.7148212	18	Solid	0.061	1.55	1061
UL 1061 HOOK UP WIRE NO.7148213	18	16/30	0.067	1.70	1061
UL 1061 HOOK UP WIRE NO.7148214	18	19/30	0.066	1.68	1061



Hook Up wire

UL 1061 HOOK UP WIRE

Item No.	AWG SIZE	Conductor Stranded	NOM O.D. (Inches)	NOM O.D. (mm)	UL STYLE
UL 1061 HOOK UP WIRE NO.7148215	16	Solid	0.072	1.83	1061
UL 1061 HOOK UP WIRE NO.7148216	16	19/28	0.078	1.98	1061
UL 1061 HOOK UP WIRE NO.7148217	16	26/30	0.081	2.06	1061

Hook Up wire

UL1429 UL1534 UL1536 HOOK UP WIRE

Item No.	AWG SIZE	Conductor Stranded	NOM O.D. (Inches)	NOM O.D. (mm)	UL STYLE
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148300	28	7/36	0.035	0.89	1429
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148301	26	Solid	0.038	0.97	1429
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148302	26	7/34	0.038	0.97	1429
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148303	24	Solid	0.042	1.07	1429
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148304	24	7/32	0.043	1.09	1429
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148305	24	19/36	0.043	1.09	1429



Hook Up wire

UL1429 UL1534 UL1536 HOOK UP WIRE

Item No.	AWG SIZE	Conductor Stranded	NOM O.D. (Inches)	NOM O.D. (mm)	UL STYLE
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148306	22	7/30	0.05	1.27	1429
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148307	22	19/34	0.05	1.27	1429
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148308	20	7/28	0.058	1.47	1429
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148309	20	19/32	0.058	1.47	1429
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148310	18	7/26	0.068	1.73	1429
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148311	18	19/30	0.068	1.73	1429
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148312	16	19/28	0.077	1.96	1536
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148313	14	19/27	0.095	2.41	1534
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148314	12	19/.0185	0.114	2.90	1536
UL1429 UL1534 UL1536 HOOK UP WIRE NO.7148315	10	37/.0167	0.143	3.63	1536



Hook Up wire

UL1430 UL3317 UL1557 HOOK UP WIRE

Item No.	AWG SIZE	Conductor Stranded	NOM O.D. (Inches)	NOM O.D. (mm)	UL STYLE
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148400	26	7/34	0.051	1.2954	1430
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148401	26	19/36	0.053	1.3462	1430
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148402	24	7/32	0.058	1.4732	1430
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148403	24	19/36	0.058	1.4732	1430
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148404	22	7/30	0.064	1.6256	1430
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148405	22	19/34	0.064	1.6256	1430
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148406	20	7/28	0.072	1.8288	1430
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148407	20	19/32	0.072	1.8288	1430
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148408	18	7/26	0.082	2.0828	1430
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148409	18	19/30	0.082	2.0828	1430
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148410	16	19/28	0.091	2.3114	1430



Hook Up wire

UL1430 UL3317 UL1557 HOOK UP WIRE

Item No.	AWG SIZE	Conductor Stranded	NOM O.D. (Inches)	NOM O.D. (mm)	UL STYLE
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148411	14	19/27	0.016	0.4064	3317
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148412	12	19/25	0.016	0.4064	3317
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148413	14	19/27	0.105	2.667	3317
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148414	12	19/25	0.124	3.1496	3317
UL1430 UL3317 UL1557 HOOK UP WIRE NO.7148415	10	37/.0167	0.149	3.7846	3317

High Temperature Cable

UL AWM 3122 Silicone Rubber-Insulated Wire

Item No.	Spec. AWG	Nominal Area mm ²	Structure of Conductor No./mm	Insulation Thickness mm	Overall Diameter mm	Conductor Resistance at 20°C Max Ω/km
UL AWM 3122 Silicone Rubber-Insulated Wire NO.7149000	26	0.128	7/0.16	0.38	1.5	150
UL AWM 3122 Silicone Rubber-Insulated Wire NO.7149001	24	0.205	12/0.15 & 7/0.20	0.38	1.7	94.2
UL AWM 3122 Silicone Rubber-Insulated Wire NO.7149002	22	0.324	18/0.15 & 7/0.254	0.38	1.9	59.4
UL AWM 3122 Silicone Rubber-Insulated Wire NO.7149003	20	0.519	28/0.15 & 7/0.30	0.38	2.1	36.7



High Temperature Cable

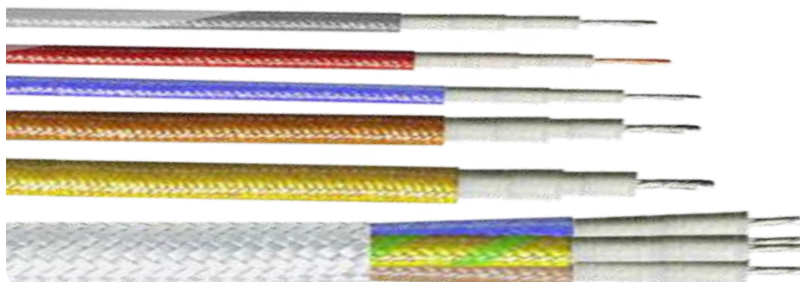
UL AWM 3122 Silicone Rubber-Insulated Wire

Item No.	Spec. AWG	Nominal Area mm ²	Structure of Conductor No./mm	Insulation Thickness mm	Overall Diameter mm	Conductor Resistance at 20°C Max Ω/km
UL AWM 3122 Silicone Rubber-Insulated Wire NO.7149004	18	0.823	26/0.20 &7/0.39	0.38	2.35	23.2
UL AWM 3122 Silicone Rubber-Insulated Wire NO.7149005	16	1.31	42/0.2 &28/0.25 &7/0.495	0.38	3.75	14.6
UL AWM 3122 Silicone Rubber-Insulated Wire NO.7149006	14	2.08	41/0.254 &7/0.62	0.38	3.3	8.96
UL AWM 3122 Silicone Rubber-Insulated Wire NO.7149007	12	3.31	47/0.3 &19/0.495	0.38	3.9	5.64

High Temperature Cable

UL SF-2 Single-conductor Fixture Wires

Item No.	Spec. AWG	Nominal Area mm ²	Structure of Conductor No./mm	Insulation Thickness mm	Overall Diameter mm	Conductor Resistance at 20°C Max Ω/km
UL SF-2 Single-conductor Fixture Wires NO.7149100	18	0.823	26/0.20 &7/0.39	0.76	3.04	23.2
UL SF-2 Single-conductor Fixture Wires NO.7149101	16	1.31	42/0.2 &28/0.25 &7/0.495	0.76	3.45	14.6
UL SF-2 Single-conductor Fixture Wires NO.7149102	14	2.08	41/0.254 &7/0.62	0.76	3.85	8.96

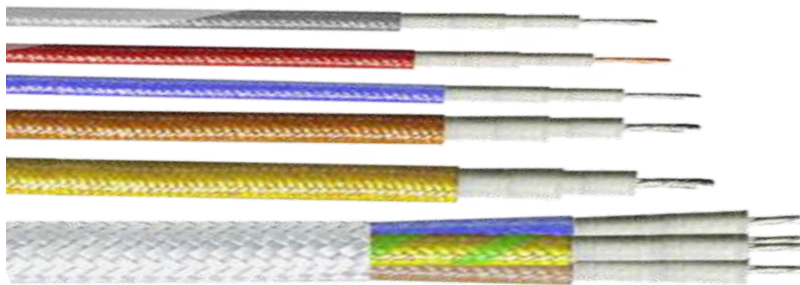




High Temperature Cable

UL AWM 3135 Silicone Rubber-Insulated Wire

Item No.	Spec. AWG	Nominal Area mm ²	Structure of Conductor No./mm	Insulation Thickness mm	Overall Diameter mm	Conductor Resistance at 20°C Max Ω/km
UL AWM 3135 Silicone Rubber-Insulated Wire NO.7149200	26	128	7/0.16	0.76	1.5	150
UL AWM 3135 Silicone Rubber-Insulated Wire NO.7149201	24	0.205	12/0.15&7/0.20	0.38	1.7	94.2
UL AWM 3135 Silicone Rubber-Insulated Wire NO.7149202	22	0.324	18/0.15&7/0.254	0.38	1.9	59.4
UL AWM 3135 Silicone Rubber-Insulated Wire NO.7149203	20	0.519	28/0.15&7/0.30	0.38	2.1	36.7
UL AWM 3135 Silicone Rubber-Insulated Wire NO.7149204	18	0.823	26/0.20&7/0.39	0.38	2.35	23.2
UL AWM 3135 Silicone Rubber-Insulated Wire NO.7149205	16	1.31	42/0.2&28/0.25&7/0.495	0.38	3.75	14.6
UL AWM 3135 Silicone Rubber-Insulated Wire NO.7149206	14	2.08	41/0.254&7/0.62	0.38	3.3	8.96
UL AWM 3135 Silicone Rubber-Insulated Wire NO.7149207	12	3.31	47/0.3&19/0.495	0.38	3.9	5.64





High Temperature Cable

VDE H05SJ-K Heat Resistant Braided Cables for Fixed Wiring

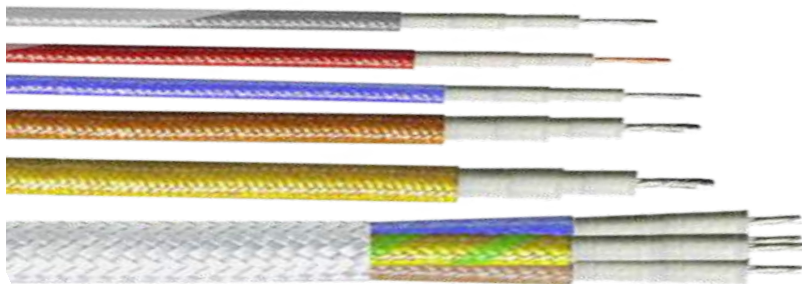
Item No.	Conductor		Insulation Conductor				Electrical Characteristic
	Nominal Area mm ²	No./mm	Insulation Thickness mm	FiberGlass Thickness mm	Overall Diameter mm		Conductor Resistance at 20°C Max Ω/km
					Min	Max	
VDE H05SJ-K Heat Resistant Braided Cables for Fixed Wiring NO.7149300	0.5	28/0.15&16/0.20	0.6	0.15	2.6	3.3	40.1
VDE H05SJ-K Heat Resistant Braided Cables for Fixed Wiring NO.7149301	0.75	24/0.2&42/0.15	0.6	0.15	2.8	3.5	26.7
VDE H05SJ-K Heat Resistant Braided Cables for Fixed Wiring NO.7149302	1	32/0.2	0.6	0.15	2.9	3.7	20
VDE H05SJ-K Heat Resistant Braided Cables for Fixed Wiring NO.7149303	1.5	48/0.2	0.7	0.2	3.4	4.2	13.7
VDE H05SJ-K Heat Resistant Braided Cables for Fixed Wiring NO.7149304	2.5	50/0.25	0.8	0.2	4	5	8.21
VDE H05SJ-K Heat Resistant Braided Cables for Fixed Wiring NO.7149305	4	56/0.30	0.8	0.2	4.5	5.6	5.09
VDE H05SJ-K Heat Resistant Braided Cables for Fixed Wiring NO.7149306	6	84/0.30	0.8	0.25	5	6.2	3.39
VDE H05SJ-K Heat Resistant Braided Cables for Fixed Wiring NO.7149307	10	84/0.40	1	0.25	6.2	7.8	1.95
VDE H05SJ-K Heat Resistant Braided Cables for Fixed Wiring NO.7149308	16	126/0.40	1	0.25	7.3	9.1	1.24



High Temperature Cable

VDE H05S-K Heat Resistant Braided Cables for Fixed Wiring

Item No.	Conductor		Insulation Conductor		Electrical Characteristic
	Nominal Area mm ²	No./mm	Insulation Thickness mm	Overall Diameter mm	Conductor Resistance at 20°C Max Ω/km
VDE H05S-K Heat Resistant Braided Cables for Fixed Wiring NO.7149330	0.5	28/0.15&16/0.20	0.8	3.1	40.1
VDE H05S-K Heat Resistant Braided Cables for Fixed Wiring NO.7149331	0.75	24/0.2&42/0.15	0.8	3.2	26.7
VDE H05S-K Heat Resistant Braided Cables for Fixed Wiring NO.7149332	1	32/0.2	0.8	3.4	20
VDE H05S-K Heat Resistant Braided Cables for Fixed Wiring NO.7149333	1.5	48/0.2	0.9	4	13.7
VDE H05S-K Heat Resistant Braided Cables for Fixed Wiring NO.7149334	2.5	50/0.25	1	4.7	8.21

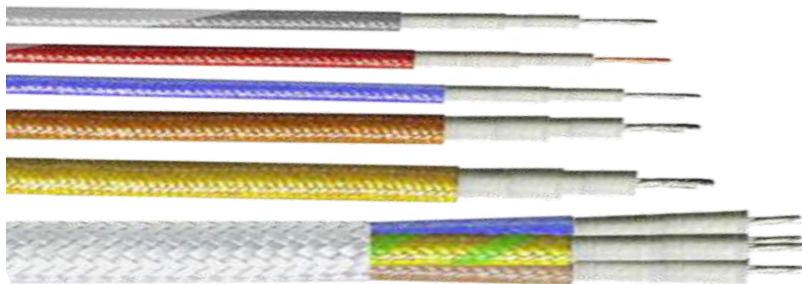




High Temperature Cable

VDE H05SS-K Heat Resistant Braided Cables for Fixed Wiring

Item No.	Conductor		Insulation Conductor			Electrical Characteristic
	Nominal Area mm ²	No./mm	Insulation Thickness mm	Outer Cover Thickness	Overall Diameter mm	Conductor Resistance at 20°C Max Ω/km
VDE H05SS-K Heat Resistant Braided Cables for Fixed Wiring NO.7149350	0.5	28/0.15	0.6	0.8	3.8	40.1
VDE H05SS-K Heat Resistant Braided Cables for Fixed Wiring NO.7149351	0.75	28/0.15	0.6	0.8	4	26.7
VDE H05SS-K Heat Resistant Braided Cables for Fixed Wiring NO.7149352	1	28/0.15	0.6	0.9	4.35	20.7
VDE H05SS-K Heat Resistant Braided Cables for Fixed Wiring NO.7149353	1.5	48/0.2	0.8	1	5.2	13.7
VDE H05SS-K Heat Resistant Braided Cables for Fixed Wiring NO.7149354	2.5	51/0.25	0.9	1.1	6.1	8.21





For more information, please visit us at:
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