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Control Cables
Unshielded



Features

- Class 5 flexible plain copper wires
- LSZH (Low Smoke Zero Halogen) insulation
- Suitable for use in dry, ambient and wet rooms
- For instrumentation and control equipment, production lines and flexible applications with free movement without tensile load
- These cables are not suitable for outdoor or underground installation
- YY control cables are not suitable for fixed wiring applications

Specification

Cable Type	Control cable
Jacket Colour	Grey
Jacket Material	LSZH
Shielding	Unshielded (YY)
Core Colour	Black with white number, green / yellow
Original Packaging	50 m, sold by reel
Test Voltage	4 kV
Voltage Rating	300 / 500 V
Fixed Temperature	-40 °C to 80 °C
Flexed Temperature	-15 °C to 70 °C
Minimum Bending Radius (Fixed)	6 x overall diameter
Minimum Bending Radius (Flexed)	15 x overall diameter

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RND cable

Product Range/Dimensions

Art.Nr.	Cores	Nominal Cross-Section Area (mm²)	Nominal Thickness of Insulation (mm)	Nominal Outer Sheath Thickness (mm)	Nominal Overall Diameter (mm)	Nominal Weight (kg/km)	Hummel PA Nylon Gland Size
RND 475-00758	2	0.75	0.4	0.7	5.2	46	16S
RND 475-00759	2	1	0.4	0.7	5.6	56	16S
RND 475-00760	2	1.5	0.4	0.8	6.4	73	16
RND 475-00761	2	2.5	0.5	0.9	7.6	113	16
RND 475-00762	3	0.75	0.4	0.7	5.5	55	16S
RND 475-00763	3	1	0.4	0.8	6.1	69	16
RND 475-00764	3	1.5	0.4	0.8	6.8	91	16
RND 475-00765	3	2.5	0.5	0.9	8.3	140	16
RND 475-00766	3	4	0.6	1	10	210	16
RND 475-00767	3	6	0.65	1.1	11.5	293	20
RND 475-00768	4	0.75	0.4	0.8	6.2	70	16
RND 475-00769	4	1	0.4	0.8	6.7	85	16
RND 475-00770	4	1.5	0.4	0.9	7.6	116	16
RND 475-00771	4	2.5	0.5	1	9.3	179	16
RND 475-00772	4	4	0.6	1.1	11.2	269	16
RND 475-00773	4	6	0.65	1.2	12.8	374	20
RND 475-00774	5	0.75	0.4	0.8	6.7	83	16
RND 475-00775	5	1	0.4	0.9	7.5	104	16
RND 475-00776	5	1.5	0.4	0.9	8.3	136	16
RND 475-00777	5	2.5	0.5	1.1	10.3	213	20
RND 475-00778	7	0.75	0.4	0.9	7.5	108	16
RND 475-00779	7	1	0.4	0.9	8.1	130	16
RND 475-00780	7	1.5	0.4	1	9.2	177	16
RND 475-00781	7	2.5	0.5	1.1	11.2	277	20

Electrical Characteristics

Nominal Cross Sectional Area (mm²)	Current Carrying Capacities 30°C Continuous Loading (A)	Maximum Resistance of Conductor at 20°C (ohms/km)
0.5	9	39
0.75	12	26
1	15	19.5
1.5	18	13.3
2.5	23	7.89
4	34	4.95
6	44	3.3
10	61	1.91
16	82	1.21
25	108	0.780
35	135	0.554