

J-H(St)H...Bd



Areas of Use

Halogen-free installation cables according to VDE 0815 with the electrostatic screen are used telecommunication, measurement and information/data process systems. This halogen-free flame retardant cable type has low smoke emission and no corrosive gases during a fire.

Cable Construction

Conductor	Annealed Solid Copper (IEC/EN 60228)
Insulation	HFFR (EN 50290-2-26)
Core Colors	TS 13767, VDE 0815
Lay-up	5 star quads laid up to a bundle, bundles laid up in layers
Separator	PET Foil
Drain Wire	Solid Tinned Copper Wire
Screen	Al-PET Foil
Outer Sheath	HFFR (EN 50290-2-27), RAL 7032 - Grey
Reference Standards	TS 13767, VDE 0815

Technical Properties

Operating Voltage	300 V
Test Voltage	800 V
Insulation Resistance	>100 M.Ωxkm
Capacitance (@800Hz)	≤120 nF/km (capacitance values may increase by 20% up to 4 pair)
Loop Resistance	0.60 mm..... ≤130 Ω/km; 0.80 mm ≤73.2 Ω/km
Temperature Range	-30 °C.....+70 °C
Flame Retardancy	IEC/EN 60332-1
Smoke Density	IEC/EN 61034-2
Corrosive Gases Measurement	IEC/EN 60754-2
Min. Bending Radius (Fixed)	8 x Cable Diameter

Cross Section

Configuration / Cross-Section (mm/mm ²)	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
2x2x0.6 + 0.6	5.1	14	43
4x2x0.6 + 0.6	6.9	25	70
6x2x0.6 + 0.6	7.6	37	91
10x2x0.6 + 0.6	8.9	59	133
20x2x0.6 + 0.6	16.1	116	270
30x2x0.6 + 0.6	17.1	172	361

40x2x0.6 + 0.6	19.2	229	476
50x2x0.6 + 0.6	21.2	285	575
60x2x0.6 + 0.6	22.5	342	669
80x2x0.6 + 0.6	25.7	455	886
100x2x0.6 + 0.6	26.7	568	1061
2x2x0.8 + 0.8	6.0	25	64
4x2x0.8 + 0.8	8.5	45	108
6x2x0.8 + 0.8	9.4	65	143
10x2x0.8 + 0.8	11.2	105	213
20x2x0.8 + 0.8	21.0	206	454
30x2x0.8 + 0.8	22.4	306	614
40x2x0.8 + 0.8	25.1	407	807

22.01.2025 3:43

Legal Warning: The information in this catalog is for marketing purposes. 2M Kablo can change this catalog during product development and any requirements. 2M Kablo can always change designs, technical specifications, images and other informations in this catalog without any notice. This catalog is only a guide and is valid at the time of download, not valid for an offer or contract.

If you need more information about the products in this catalog, please contact us via info@2mkablo.com or call +90 (212) 222 8250.