JE-Y(St)Y...Bd



Areas of Use

These installation cables according to VDE 0815 with electrostatic screen for industrial electronics are used telecommunication, measurement and information/data process systems.

Cable Construction

Conductor	Annealed Solid Copper (IEC/EN 60228)
Insulation	PVC (EN 50290-2-21 TI1, VDE 0207 Part 4 YI1)
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	PVC (EN 50290-2-22 TM1, VDE 0207 Part 5 YM1), 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)	≤100 nF/km (capacitance values may increase by 20% up to 4 pair)
Loop Resistance	≤73.2 Ω/km
Temperature Range	-30 °C.....+70 °C
Flame Retardancy	IEC/EN 60332-1
Min. Bending Radius (Fixed)	8 x Cable Diameter

Cross Section

Configuration / Cross-Section (mm/mm²)	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
2x2x0.8 + 0.8	5.6	25	61
4x2x0.8 + 0.8	7.7	45	103
8x2x0.8 + 0.8	12.2	86	187
16x2x0.8 + 0.8	15.2	167	331
20x2x0.8 + 0.8	16.7	207	398
32x2x0.8 + 0.8	21.3	328	619
40x2x0.8 + 0.8	23.3	409	771

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