

## 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

<b>Conductor</b>	Annealed Solid Copper (IEC/EN 60228)
<b>Insulation</b>	PVC (EN 50290-2-21 T11, VDE 0207 Part 4 Y11)
<b>Core Colors</b>	TS 13767, VDE 0815
<b>Lay-up</b>	5 star quads laid up to a bundle, bundles laid up in layers
<b>Separator</b>	PET Foil
<b>Drain Wire</b>	Solid Tinned Copper Wire
<b>Screen</b>	Al-PET Foil
<b>Outer Sheath</b>	PVC (EN 50290-2-22 TM1, VDE 0207 Part 5 YM1), RAL 7032 - Grey
<b>Reference Standards</b>	TS 13767, VDE 0815

### Technical Properties

<b>Operating Voltage</b>	300 V
<b>Test Voltage</b>	800 V
<b>Insulation Resistance</b>	>100 M.Ωxkm
<b>Capacitance (@800Hz)</b>	≤ 100 nF/km (capacitance values may increase by 20% up to 4 pair)
<b>Loop Resistance</b>	≤ 73.2 Ω/km
<b>Temperature Range</b>	-30 °C.....+70 °C
<b>Flame Retardancy</b>	IEC/EN 60332-1
<b>Min. Bending Radius (Fixed)</b>	8 x Cable Diameter

### Cross Section

Configuration / Cross-Section (mm/mm <sup>2</sup> )	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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