


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>JE-Y(ST)Y ...BD</b>	<b>12.09.2012</b>

Static screened installation cable for industrial electronics

Perfect for cost-effective installation, e.g. connections with insulation displacement technology (IDC).

Aluminium-laminated plastic foil static screen with tin-plated drain wire minimises the interference of high frequency, electromagnetic field

Twisted pair (TP) decouples the cable circuits



### Application range

JE-Y(St)Y...BD is a connection cable for fixed installation in industrial control systems, as required in measurement, control, signalling and data applications

For fixed installation on and under plaster, in dry and damp rooms.

For outdoor use this cable should be installed under plaster only.

### Design

Solid bare copper conductor

Core insulation made of PVC

2 cores twisted into a pair, and 4 pairs into units (for 2 x 2 x 0.8 as star quad cable)

Foil wrapping, static screening made of aluminium-laminated plastic film with copper drain wire

Outer sheath made of PVC Outer sheath colour: pebble grey (RAL 7032)

### Product features

The 2-pair version (2 x 2 x 0.8) is twisted into a star quad

Flame-retardant according to IEC 60332-1-2

Printed text may differ from illustration

### Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 100/100kg. Refer to Appendix T17 for the definition and calculation of copper-related surcharges.


Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

Photographs are not to scale and do not represent detailed images of the respective products.

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### Technical Data

Core identification code:	according to VDE 0815, refer to Appendix T10
Approvals:	VDE 0815
Mutual capacitance:	max. 100 nF/km
Peak operating voltage:	(not for power applications) 225 V
Inductivity:	approx. 0.65 mH/km
Insulation resistance:	> 100 MOhm x km
Conductor stranding:	Single-wire (solid conductor) 0.8 mm: 0.50 mm <sup>2</sup>
Minimum bending radius:	Fixed installation: 6 x outer diameter
Test voltage:	Core/core: 500 V Core/screen: 2000 V
Loop resistance:	73.2 ohm/km
Temperature range:	Fixed installation: -30 °C to +70 °C Occasional flexing: -5 °C to +50 °C

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Part number	Number of cores and cable diameter (mm)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
JE-Y(ST)Y...BD				
0034190	2 x 2 x 0,8	6.0	25.0	60
0034191	4 x 2 x 0,8	8.5	45.0	96
0034192	8 x 2 x 0,8	11.0	85.0	158
0034193	12 x 2 x 0,8	13.0	126.0	225
0034194	16 x 2 x 0,8	14.5	166.0	290
0034195	20 x 2 x 0,8	16.0	206.0	350
0034197	40 x 2 x 0,8	22.0	407.0	660