

Product Description

Installation cable for industrial electronics; Perfect for cost-effective installation, e.g. connections with insulation displacement technology (IDC).



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 technology
- In static systems on and under plaster in dry and wet interiors. Outdoor use only under plaster.

Benefits

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

Design

- Solid bare copper conductor
- Core insulation: Based on 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 of aluminium-laminated plastic film with copper drain wire
- PVC blended outer sheath

Product features

- Colour: pebble grey (RAL 7032)
- Flame retardant according to IEC 60332-1-2



Technical Data

Core identification code

In accordance with VDE 0815, see T 10

Approvals

VDE 0815

Mutual capacitance

max. 100 nF/km

Peak working voltage

(not for power applications) 225 V

Inductivity

approx. 0.65 mH/km

Insulation resistance

> 100MΩ x km

Conductor stranding

Single wire (solid conductor)

Minimum bending radius

In fixed installations: 6 x cable diameter

Test voltage

C/C: 500 V

Core/screen: 2000 V

Loop resistance

73.2 Ω/km

Range of temperature

Fixed installation: -30°C up to +70°C

Flexible application: -5°C up to +50°C

Article List

Part number	Number of cores and cable diameter mm	Outer diameter in 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

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 100 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (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.