JE-Y(ST)Y Bd



Application

This cable type is especially suited for transmission of signals and measurements in the fields of electronics and for data transmission in computers. Suitable for fixed installation in and under plaster, in dry and moist environments as well as in the open. This cable with a blue outer jacket is suitable for intrinsic safe installations. These cables are not allowed for purposes of high current and power installation.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

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Standards

to DIN VDE 0815, DIN VDE 207 part 4
self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

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Construction

Inner Conductor	bare copper conductor, solid 0,8 mm
Core Insulation	PVC, YI3 to DIN VDE 0207 part 4
Core Color	acc. to DIN VDE 0815
Stranding Elements	cores stranded in pairs with optimalbr>lay-length, 4 pairs stranded to a unit,br>units stranded in layer
Overall Shielding	PVC coated aluminium foil screen, Copper drain-wire bare
Outer Insulation Material	PVC, YM1, to DIN VDE 0207 part 5

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ACS Handels GmbH
Kabel - Leitungen - Zubehör
Bahnhofstraße 1, 4531 Kematen / Krems

Tel.: +43 7228 200 880
E-Mail: office@acs.at

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Elektronikleitungen
Electronic Cables

Technical Data

Nominal Voltage	U_0/U: 0 /0
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	500 V
Bending Radius moved (xD)	8
Bending Radius fixed (xD)	8
Operating Temperature solid	-30 °C bis 70 °C
Operating Temperature moving	-5 °C bis 50 °C
Fire Classes	Eca

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Elektronikleitungen
Electronic Cables

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
03111030	1x2 x 0,8	grey - grey	45,0	5,0
03111012	1x2 x 0,8	blue (similar RAL 5015) - blue (similar RAL 5015)	45,0	5,0
03111001	2x2 x 0,8	grey - grey	60,0	6,0
03111022	2x2 x 0,8	blue (similar RAL 5015) - blue (similar RAL 5015)	60,0	6,0
03111002	4x2 x 0,8	grey - grey	95,0	8,5
03111028	4x2 x 0,8	blue (similar RAL 5015) - blue (similar RAL 5015)	95,0	8,5
03111003	8x2 x 0,8	grey - grey	160,0	11,0
03111023	8x2 x 0,8	blue (similar RAL 5015) - blue (similar RAL 5015)	160,0	11,0
03111004	12x2 x 0,8	grey - grey	235,0	13,0
03111027	12x2 x 0,8	blue (similar RAL 5015) - blue (similar RAL 5015)	235,0	13,0
03111005	16x2 x 0,8	grey - grey	295,0	14,5
03111024	16x2 x 0,8	blue (similar RAL 5015) - blue (similar RAL 5015)	295,0	14,5
03111006	20x2 x 0,8	grey - grey	355,0	16,0
03111026	20x2 x 0,8	blue (similar RAL 5015) - blue (similar RAL 5015)	355,0	16,0
03111007	24x2 x 0,8	grey - grey	430,0	18,0
03111008	32x2 x 0,8	grey - grey	555,0	20,0
03111025	32x2 x 0,8	blue (similar RAL 5015) - blue (similar RAL 5015)	555,0	20,0
03111009	40x2 x 0,8	grey - grey	670,0	22,0

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