

JE-LiYCY 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 substances.

Standards

to DIN VDE 0815,
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.

Construction

Inner Conductor	bare copper strands 7x0,3 mm
Core Insulation	PVC, YI3 to DIN VDE 0207 part 4
Core Color	acc. to DIN VDE 0815
Stranding	cores stranded in pairs with optimal length, 4 pairs stranded to a unit, units stranded in layer
Elements	
Overall Shielding	bare or tinned copper wire braided, 0,2 mm, approx. 85% coverage
Outer Insulation	PVC, YM1, to DIN VDE 0207 part
Material	5

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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)	10
Bending Radius fixed (xD)	10
Operating Temperature solid	-30 °C bis 70 °C
Operating Temperature moving	-5 °C bis 50 °C
Fire Classes	Eca

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Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
03112035	1x2 x 0,5	grey - grey	37.0	4.0
03112001	2x2 x 0,5	grey - grey	85.0	7.0
03112017	2x2 x 0,5	blue (similar RAL 5015) - blue (similar RAL 5015)	85.0	7.0
03112026	2x2 x 0,5	black - black	85.0	7.0
03112002	4x2 x 0,5	grey - grey	140.0	9.0
03112021	4x2 x 0,5	blue (similar RAL 5015) - blue (similar RAL 5015)	140.0	9.0
03112030	4x2 x 0,5	black - black	140.0	9.0
03112004	12x2 x 0,5	grey - grey	300.0	14.5
03112023	12x2 x 0,5	blue (similar RAL 5015) - blue (similar RAL 5015)	300.0	14.5
03112028	12x2 x 0,5	black - black	300.0	14.5
03112005	16x2 x 0,5	grey - grey	375.0	16.0
03112020	16x2 x 0,5	blue (similar RAL 5015) - blue (similar RAL 5015)	375.0	16.0
03112029	16x2 x 0,5	black - black	375.0	16.0
03112006	20x2 x 0,5	grey - grey	460.0	17.5
03112031	20x2 x 0,5	black - black	460.0	17.5
03112007	24x2 x 0,5	grey - grey	550.0	19.5
03112032	24x2 x 0,5	black - black	550.0	19.5
03112024	24x2 x 0,5	blue (similar RAL 5015) - blue (similar RAL 5015)	550.0	19.5
03112008	32x2 x 0,5	grey - grey	680.0	21.5
03112018	40x2 x 0,5	grey - grey	845.0	24.0