

JE-LiYCY/EB ... Bd Si acc. to VDE 0815

Construction

- Conductor: copper wire bare, 7-core, 7 x 0,3 mm $\approx$ 0,5 mm²
- Core insulation: special PVC
- Marking of cores: acc.to VDE 0815
- Each two cores twisted to a pair, each 4 pairs to a bundle, the bundles stranded in layers to a core.
In the two-paired cable, the 4 cores are twisted to a star quad.
- Wrapping with plastic foil
- Cu braided shield
- Outer sheath: special PVC
- Sheath colour: blue, RAL 5015

Technical Data

- Operating voltage max.: 225 V
(not allowed for strong current applications!)
- Test voltage/ effective value (50 Hz): core/core 500 V
core/screen 2000 V
- Conductor resistance (loop) at +20°C: max. 78,4 Ω /km
- Insulation resistance: $\geq$ 100 M Ω x km
- Operating capacity at 800 Hz: max. 100 nF/km
(for cables with up to 4 cores a 20%-transgression of values is permitted)
- Attenuation at 800 Hz: approx. 0,11 dB/100 m
- Bending radius: 10 x cable diameter
- Temperature range
moved -5°C to +50°C
unmoved -30°C to +70°C

Properties

- Flame resistance acc. to IEC 60332-1

$\emptyset$ mm ²	Cu-Weight kg/km	Outer- $\emptyset$ mm	Total-Weight kg/km	Article number
1 x 2 x 0,5	35,0	6,0	45,0	4280102050
2 x 2 x 0,5	51,0	7,0	95,0	4280202050
4 x 2 x 0,5	84,0	9,5	155,0	4280402050
8 x 2 x 0,5	144,0	13,0	260,0	4280802050
12 x 2 x 0,5	196,0	15,0	345,0	4281202050
16 x 2 x 0,5	249,0	16,5	430,0	4281602050

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
20 x 2 x0,5	299,0	18,5	525,0	4282002050
24 x 2 x 0,5	348,0	20,5	605,0	4282402050

- Further formats available on request
- All data and products subject to change