# 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 sustances.

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## 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.

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## 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 Elements** | cores stranded in pairs with optimalbr>lay-length, 4 pairs stranded to a unit,br>units stranded in layer |
| **Overall Shielding** | bare or tinned copper wire braided, 0,2 mm, approx. 85% coverage |
| **Outer Insulation Material** | PVC, YM1, to DIN VDE 0207 part 5 |

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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)** | 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.<br>Prod. Nr. | Dimensions<br>Dimensions | Color<br>Color | Weight (kg/km) approx.<br>Weight (kg/km) approx. | Outer-Diameter (mm) approx.<br>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 |

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