

# J-2Y(ST)Y ST III Bd



## Application

Used as data transmission and connection cable suitable for fixed installation in and under plaster, for data transmission applications, for periphery instrument data processing computers. Suitable for transmission of analog- and digital signals up to 16 Mbit/s. High cross-talk attenuation values. Suitable as connecting cable for periphery equipment, data processing systems, monitors, Printers and cash register systems. The static screen (St) screen assures a disturbance-free data and signal transmission for measuring and control systems. These cables are not allowed for purposes of high current and power installation and not approved for underground installation.

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

## Standards

Special core insulation of PE acc. to DIN VDE 0815 and 0816,  
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

|                                  |                                                                         |
|----------------------------------|-------------------------------------------------------------------------|
| <b>Inner Conductor</b>           | bare, solid copper conductor 0,6 mm                                     |
| <b>Core Insulation</b>           | polyethylene compound (PE)                                              |
| <b>Core Color</b>                | acc. to DIN VDE 0815                                                    |
| <b>Stranding Elements</b>        | conductors twisted to quads, 5 quadsbr>twisted to units                 |
| <b>Shielding</b>                 | static screen of plastics coated alu foil with drain wire 0,6 mm        |
| <b>Inner Sheath Material</b>     | Kunststoffolie                                                          |
| <b>Overall Shielding</b>         | Beidraht Kupfer, massiv 0,6mm und kunststoffkaschierte Alu-Verbundfolie |
| <b>Outer Insulation Material</b> | PVC                                                                     |

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Technical Data

|                              |                         |
|------------------------------|-------------------------|
| Nominal Voltage              | U <sub>0</sub> /U: 0 /0 |
| Nominal Volatage DC          | U <sub>0</sub> /U: 0 /0 |
| Test Voltage                 | 800 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         |

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| Operating Temperature solid  | -30 °C to 70 °C         |
| Operating Temperature moving | -5 °C to 50 °C          |

| Prod. Nr.<br>Prod. Nr. | Dimensions<br>Dimensions | Color<br>Color | Weight (kg/km)<br>Weight (kg/km) | Outer-Diameter (mm)<br>Outer-Diameter (mm) |
|------------------------|--------------------------|----------------|----------------------------------|--------------------------------------------|
| 03208001               | 2 x 2 x 0,6              | šedá - grey    | 42.0                             | 4.9                                        |
| 03208006               | 4 x 2 x 0,6              | šedá - grey    | 79.0                             | 6.9                                        |
| 03208012               | 6 x 2 x 0,6              | šedá - grey    | 85.0                             | 7.0                                        |
| 03208013               | 8 x 2 x 0,6              | šedá - grey    | 100.0                            | 8.0                                        |
| 03208009               | 10 x 2 x 0,6             | šedá - grey    | 103.0                            | 9.2                                        |
| 03208010               | 20 x 2 x 0,6             | šedá - grey    | 215.0                            | 12.0                                       |
| 03208005               | 30 x 2 x 0,6             | šedá - grey    | 300.0                            | 14.5                                       |
| 03208002               | 50 x 2 x 0,6             | šedá - grey    | 476.0                            | 18.2                                       |
| 03208003               | 60 x 2 x 0,6             | šedá - grey    | 555.0                            | 19.6                                       |