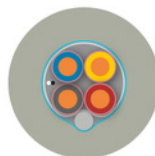
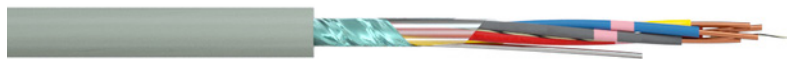


# Cable for industrial electronics

## JE-Y(St)Y ... FR



**Application:** For signal transmission between electronic devices, in computer systems, process control units office equipment. For installation in dry and wet rooms.

### Construction and technical data:

|  |  |
|--|--|
| <b>CPR-classification according to EN 50575:</b>     | Dca s3 d2 a3                             |
| <b>Conductor material:</b>                           | copper, bare                             |
| <b>Conductor construction:</b>                       | Class 1 = solid                          |
| <b>Insulation:</b>                                   | PVC Y11                                  |
| <b>Screen:</b>                                       | Foil                                     |
| <b>Sheathing material:</b>                           | special PVC-compound                     |
| <b>Colour of outer sheath:</b>                       | grey                                     |
| <b>Flame-retardant:</b>                              | VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C) |
| <b>Permitted outer cable temperature, fixed, °C:</b> | -30 - +70 °C                             |
| <b>Permitted outer cable temperature, moved, °C:</b> | -5 - +50 °C                              |
| <b>Bending radius, fixed installation:</b>           | 7.5 x Ø                                  |
| <b>Bending radius, moving application:</b>           | 15 x Ø                                   |
| <b>Insulation resistance:</b>                        | 100 MOhm <sub>x</sub> km                 |



*The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.*

|                      |   |
|----------------------|---|
| Stranding            | - cores twisted into pairs<br>- 4 pairs layed up into sub-units (2-pairs cable stranded as one star-quad)<br>- sub-units layed up in layers   |
| Core identification: | The basic colour of each bunch are continuous sequence: blue, red, grey, yellow, green, brown, white, black.<br>The bundles are identified by the colour of the rings on the insulating core. |

**JE-Y(St)Y... FR**

|                                    |             |
|------------------------------------|-------------|
| <b>Loop resistance:</b>            | 73.2 Ohm/km |
| <b>Maximum operating capacity:</b> | 100 nF/km   |
| <b>Attenuation at 800 Hz:</b>      | 1.1         |
| <b>peak operating voltage, V:</b>  | 225 V       |

| part no. | part name   | Ø [mm] | Cu  | G [kg] |
|----------|-------------|--------|-----|--------|
| 100851   | 02X2X0.8 GY | 6.5    | 25  | 60     |
| 100852   | 04X2X0.8 GY | 8      | 45  | 90     |
| 100853   | 08X2X0.8 GY | 10.5   | 85  | 150    |
| 100854   | 12X2X0.8 GY | 11.5   | 126 | 200    |
| 100855   | 16X2X0.8 GY | 12.5   | 166 | 260    |
| 100856   | 20X2X0.8 GY | 16.5   | 206 | 315    |
| 100857   | 32X2X0.8 GY | 19     | 327 | 510    |
| 100858   | 40X2X0.8 GY | 20     | 407 | 610    |
| 100859   | 02X2X0.8 BU | 6.5    | 25  | 60     |
| 100860   | 04X2X0.8 BU | 8      | 45  | 90     |
| 100861   | 08X2X0.8 BU | 10.5   | 85  | 150    |
| 100862   | 12X2X0.8 BU | 11.5   | 126 | 200    |
| 100863   | 16X2X0.8 BU | 12.5   | 166 | 260    |
| 100864   | 20X2X0.8 BU | 16.5   | 206 | 315    |
| 100865   | 32X2X0.8 BU | 19     | 327 | 510    |
| 100866   | 40X2X0.8 BU | 20     | 407 | 610    |

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000