

YSLYCY-JB



Application

For use as a data cable in control circuits, in tool-making and machine industries as well as a signal cable in computer systems and electronics. The more usual PVC inner sheath has been replaced in these cables by a stabilising foil separator, thus reducing the total diameter of the cables considerably and thereby reducing the bending radius, total weight etc. The high covering percentage of the copper screening offers interference-free signal transfer etc. The dense screening assures disturbance-free transmission of all signals and impulses. An ideal disturbance-free control cable for the above application.

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

Standards

adapted to DIN VDE 0245, 0285-525-2-31, 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 | fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5 |
| Core Insulation | polyvinylchlorid compound (PVC) |
| Core Color | acc. to HD 308 S2 |
| Stranding Elements | cores stranded in layers with optimal layer-length |
| Inner Sheath Material | Polyvinylchlorid (PVC) |
| Overall Shielding | braid shield copper tinned |
| Outer Insulation Material | special PVC transparent |
| Constant Against | extensively oil resistant |

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Technical Data

| | |
|-------------------------------------|-------------------------------|
| Nominal Voltage | U ₀ /U: 300 /500 V |
| Nominal Volatage DC | U ₀ /U: 0 /0 |
| Test Voltage | 2500 V |
| Bending Radius moved (xD) | 10 |
| Bending Radius fixed (xD) | 0 |
| Operating Temperature solid | -40 °C bis 70 °C |
| Operating Temperature moving | -5 °C bis 70 °C |
| Fire Classes | Eca |

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| Prod. Nr. Prod. Nr. | Option Option | Dimensions Dimensions | Color Color | Weight (kg/km) approx. Weight (kg/km) approx. | Outer-Diameter (mm) approx. Outer-Diameter (mm) approx. |
|------------------------|------------------|--------------------------|---------------------------|--|--|
| 00905053 | JB | 3 x 1,5 | transparent - transparent | 172,0 | 10,5 |
| 00927136 | JB | 3 x 2,5 | grey - grey | 230,0 | 11,5 |
| 00905039 | JB | 3 x 2,5 | transparent - transparent | 230,0 | 11,5 |
| 00905063 | JB | 4 x 1,5 | transparent - transparent | 197,0 | 10,8 |
| 00905074 | JB | 4 x 2,5 | transparent - transparent | 300,0 | 13,1 |
| 00905080 | JB | 4 x 4 | transparent - transparent | 410,0 | 14,0 |
| 00905059 | JB | 4 x 6 | transparent - transparent | 560,0 | 15,6 |
| 00905141 | JB | 4 x 10 | grey - grey | 920,0 | 21,2 |
| 00905060 | JB | 4 x 10 | transparent - transparent | 920,0 | 21,2 |
| 00905081 | JB | 4 x 16 | transparent - transparent | 1.120,0 | 24,0 |
| 00927139 | JB | 4 x 16 | grey - grey | 1.120,0 | 24,0 |
| 00905040 | JB | 4 x 25 | grey - grey | 1.994,0 | 29,0 |
| 00905054 | JB | 4 x 25 | transparent - transparent | 1.994,0 | 29,0 |
| 00905046 | JB | 4 x 35 | transparent - transparent | 2.042,0 | 32,0 |
| 00905127 | JB | 4 x 35 | grey - grey | 2.042,0 | 32,0 |
| 00905033 | JB | 4 x 50 | transparent - transparent | 2.822,0 | 38,0 |
| 00905056 | JB | 4 x 50 | grey - grey | 2.822,0 | 38,0 |
| 00905034 | JB | 4 x 70 | transparent - transparent | 3.802,0 | 44,0 |
| 00905140 | JB | 4 x 70 | grey - grey | 3.802,0 | 44,0 |
| 00905035 | JB | 4 x 95 | transparent - transparent | 5.003,0 | 50,0 |
| 00905125 | JB | 4 x 95 | grey - grey | 5.003,0 | 50,0 |
| 00927153 | JB | 4 x 120 | transparent - transparent | 6.200,0 | 56,0 |
| 00905036 | JB | 4 x 120 | grey - grey | 6.200,0 | 56,0 |
| 00905094 | JB | 4 x 150 | transparent - transparent | 9.340,0 | 63,5 |

| Prod. Nr. | Option | Dimensions | Color | Weight (kg/km) approx. | Outer-Diameter (mm) approx. |
|-----------|--------|------------|---------------------------|------------------------|-----------------------------|
| Prod. Nr. | Option | Dimensions | Color | Weight (kg/km) approx. | Outer-Diameter (mm) approx. |
| 00905098 | JB | 4 x 185 | transparent - transparent | 11.200,0 | 68,0 |
| 00905049 | JB | 5 x 2,5 | transparent - transparent | 320,0 | 13,5 |
| 00905082 | JB | 5 x 4 | transparent - transparent | 502,0 | 14,8 |
| 00905084 | JB | 5 x 6 | transparent - transparent | 750,0 | 17,0 |
| 00905045 | JB | 5 x 10 | transparent - transparent | 892,0 | 22,5 |
| 00905068 | JB | 5 x 16 | transparent - transparent | 1.325,0 | 25,2 |
| 00905096 | JB | 5 x 25 | transparent - transparent | 2.310,0 | 31,5 |
| 00927142 | JB | 5 x 35 | transparent - transparent | 2.885,0 | 38,2 |