



USE OF CABLE

lift cable, for trailing cable installation, drag chains and as control cable in conveyor facilities, machine-tools or as measure and signal transmission cable. Suitable for dry, humid and wet rooms and outdoor use.



SPECIAL FEATURES

- central supporting element with high tensile strength
- free from lacquer damaging substances and silicone (during production)

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.
- Available accessory you'll find on pages 15.35.XX

PRODUCT INFORMATION

| | |
|------------------------------|--|
| Conductor material: | Bare copper strand |
| Conductor class: | Acc. to DIN VDE 0295 class 6 resp. IEC 60228 cl. 6 |
| Core insulation: | Rubber compound |
| Core identification: | Acc. to VDE 0293-308 up to 5 wires coloured, from 6 wires black with white numerals with or without GNYE |
| Stranding: | Cores stranded in layers |
| Shield3: | Copper braid tinned; coverage ca. 80% |
| Outer sheath: | Special rubber-compound |
| Sheath colour: | Black, blue, yellow |
| Rated voltage: | Uo/U: 300/500 V |
| Testing voltage: | 3 kV |
| Conductor resistance: | Acc. to DIN VDE, see Technical Guideline |
| Min. bending radius fixed: | 10 x d |
| Min. bending radius moved: | 10 x d |
| Operat. temp. fixed min/max: | -40 °C / +80 °C |
| Operat. temp. moved min/max: | -25 °C / +80 °C |
| Temp. at conductor: | +80 °C |
| Burning behavior: | Self-extinguishing and flame retardant acc. to IEC 60332-2-1 |
| Resistant to oil: | Acc. to EN 60811-404 |
| Suspension height: | Max. 80 m |
| Standard: | Similar to DIN VDE 0250 |

ITEM OVERVIEW

| Product No. | Dimension [n x mm²] | Outer-Ø [mm] | Cu-Index [kg/km] | Weight [kg/1.000] | sheath colour | Variant |
|-------------|---------------------|--------------|------------------|-------------------|---------------|----------------------------|
| 3000167 | 6 X 0,5 | 11,5 | 61,00 | 180,00 | black | V1: STCN-O schwarz / black |
| 3000169 | 6 X 0,75 | 12,2 | 81,00 | 189,00 | black | V1: STCN-O schwarz / black |
| 3000171 | 6 X 1,5 | 15,0 | 126,00 | 430,00 | black | V1: STCN-O schwarz / black |
| 3000168 | 6 X 0,5 | 11,5 | 61,00 | 180,00 | blue | V2: STCN-O blau / blue |
| 3000170 | 6 X 0,75 | 12,2 | 81,00 | 189,00 | blue | V2: STCN-O blau / blue |
| 3000172 | 6 X 1,5 | 15,0 | 126,00 | 430,00 | yellow | V3: STCN-O gelb / yellow |
| 3000166 | 4 X 1 | 10,5 | 74,00 | 161,00 | black | V4: STCN-J schwarz / black |
| 3000173 | 7 X 1 | 13,7 | 130,00 | 267,00 | black | V4: STCN-J schwarz / black |
| 3000163 | 12 X 1 | 19,7 | 202,00 | 528,00 | black | V4: STCN-J schwarz / black |
| 3000164 | 18 X 1 | 21,0 | 288,00 | 630,00 | black | V4: STCN-J schwarz / black |
| 3000165 | 24 X 1 | 22,8 | 395,00 | 794,00 | black | V4: STCN-J schwarz / black |