

# Rubber reeling cable URSUS<sup>®</sup> VS FO KN



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

**Application:** As connection and reelable control cable with integrated optical fibers. The cable is resistant to acids, lyes, and oils. Please refer to the relevant installation guidelines on our website.

## Construction and technical data:

|  |   |
|--|---|
| <b>Conductor material:</b>                           | copper, stranded, tinned                  |
| <b>Conductor construction:</b>                       | Class 5 = flexible                        |
| <b>Insulation:</b>                                   | rubber 3GI3                               |
| <b>Central filler:</b>                               | semiconductive compound                   |
| <b>Arrangement of protective conductors:</b>         | split in the outer interstices            |
| <b>control core:</b>                                 | arrange in the outer interstice           |
| <b>Material inner sheath:</b>                        | semiconductive compound                   |
| <b>Monitoring core:</b>                              | insulated, tinned copper conductor, cl. 5 |
| <b>Self-supporting element:</b>                      | Kevlar <sup>®</sup>                       |
| <b>Torsion protection:</b>                           | polyester braid                           |
| <b>Sheathing material:</b>                           | rubber (CR) 5GM5                          |
| <b>Colour of outer sheath:</b>                       | black                                     |
| <b>Oil-resistant:</b>                                | EN 60811-404                              |
| <b>Ozone-resistant:</b>                              | yes                                       |
| <b>Max. temperature at conductor, °C:</b>            | 90 °C                                     |
| <b>Permitted outer cable temperature, fixed, °C:</b> | -50 - +90 °C                              |
| <b>Permitted outer cable temperature, moved, °C:</b> | -30 - +90 °C                              |
| <b>Bending radius, fixed installation:</b>           | 5 x Ø                                     |
| <b>Bending radius, moving application:</b>           | 10 x Ø                                    |
| <b>Maximum tensile strength at the conductor:</b>    | 15 N/mm <sup>2</sup>                      |
| <b>Operating speed:</b>                              | 180 m/min.                                |



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.

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**Nominal voltage U<sub>o</sub>:**

0.6 kV

**Nominal voltage U:**

1 kV



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