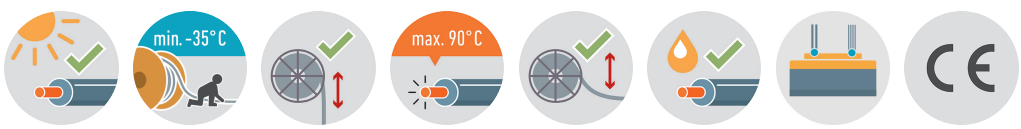
# Rubber reeling cable
# PRYSMIAN Cordaflex® (N)SHTOEU (SMK)-V-FO


**Application**: Extra heavy duty rubber reeling cable for control and power supplies with integrated optical fibers. For applications with high mechanical stresses, especially for simultaneous tensile and torsion stresses. Suitable for motor-driven reels, spring-operated reels, drumspreader, festoon- and hoisting systems. The cables can be manufactured to order or project-specific with E9/125, 50/125 or 62.5/125 fibres or their various combinations.

**Construction and technical data:**

| | |
|---|---|
| **Standard:** | VDE 0250 p. 814 (with reference to) |
| **Conductor material:** | bare copper strand |
| **Conductor construction:** | class „FS“ = exceptionally fine stranded |
| **Insulation:** | polyolefin |
| **Material inner sheath:** | rubber compound based on PCP |
| **Self-supporting element:** | aramide |
| **Torsion protection:** | synthetic braid |
| **Torsion:** | +/- 50 °/m |
| **Sheathing material:** | rubber compound based on PCP |
| **Colour of outer sheath:** | yellow |
| **UV-resistant:** | yes |
| **Oil-resistant:** | EN 60811-2-1 |
| **Max. temperature at conductor, °C:** | 90 °C |
| **Permitted outer cable temperature, fixed, °C:** | -50 - +80 °C |
| **Permitted outer cable temperature, moved, °C:** | -35 - +80 °C |
| **Bending radius, fixed installation:** | 6 x Ø |
| **Bending radius, moving application:** | 4 x Ø |
| **operating speed spreader, m/min.:** | 240 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.*

NSHTOEU-J SMK-V FO

**Nominal voltage Uo:** 0.6 kV

**Nominal voltage U:** 1 kV

**Test voltage:** 3.5 kV

**Core identification:** green-yellow + numbers

| part no. | part name | Rl [Ohm/km] | Ibl [A] | Ø [mm] | Cu | G [kg] |
|---|---|---|---|---|---|---|
| 052164 | 44X2.5 + 3X(3G50 FO) | 7.98 | 30 | 38.5 | 1232 | 2380 |
| 052230 | 44X2.5 + 1X(8G62.5 FO) | 7.98 | 30 | 38.5 | 1232 | 2380 |
| 053445 | 44X2.5 + 4X(3G62.5 FO) | 7.98 | 30 | 38.5 | 1232 | 2447 |
| 052398 | 50X2.5 + 1X(6G50 FO) | 7.98 | 30 | 43.1 | 1399 | 2946 |
| 054915 | 52X2.5 + 4X(3G62.5/125) | 7.98 | 30 | 43.1 | 1455 | 3039 |
| 054399 | 56X2.5 + 3X(2E9/125) | 7.98 | 30 | 44.3 | 1567 | 3232 |
| 054400 | 56X2.5 + 3X(2G50/125) | 7.98 | 30 | 44.3 | 1567 | 3232 |
| 054401 | 56X2.5 + 3X(2G62.5/125) | 7.98 | 30 | 44.3 | 1567 | 3232 |
| 054558 | 56x2.5 + 3x(3E9/125) | 7.98 | 30 | 44.3 | 1567 | 3225 |
| 054559 | 56x2.5 + 3x(3G50/125) | 7.98 | 30 | 44.3 | 1567 | 3225 |
| 054560 | 56x2.5 + 3x(3G62.5/125) | 7.98 | 30 | 44.3 | 1567 | 3225 |
| 052497 | 56X2.5 + 4X(3G62.5 FO) | 7.98 | 30 | 44.3 | 1567 | 3243 |

| | |
|---|---|
| Rl | Conductor resistance |
| Ibl | Ampacity in air (30 °C) |
| Ø | outer diameter approx. |
| Cu | Copper weight (GER) |
| G | net weight per 1000 |