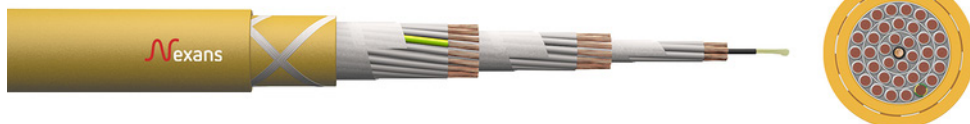


Heavy duty reeling cable

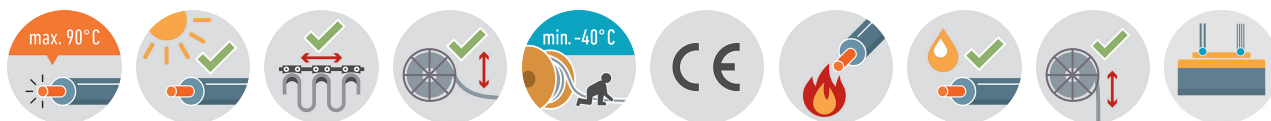
RHEYCORD[®] (RTS) (N)SHTOEU-J Spreader



Application: Extra heavy duty rubber reeling cable for control and power supplies. For applications with high mechanical stresses, especially for simultaneous tensile and torsion stresses. Suitable for motor-driven reels, spring-operated reels, drum-spreader, festoon- and hoisting systems.

Construction and technical data:

CPR-classification according to EN 50575:	Eca
Standard:	VDE 0250 part 814 (with reference to)
Conductor material:	bare copper strand
Conductor construction:	extra fine stranded (better than cl. 5)
Insulation:	RHEYCLEAN, based on EPDM
Material inner sheath:	rubber GM1b
Torsion protection:	polyester braid
Torsion:	+/- 25 °/m
Sheathing material:	rubber (CR) 5GM5
Colour of outer sheath:	yellow
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	EN 60811-2-1
Ozone-resistant:	yes
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-50 - +90 °C
Permitted outer cable temperature, moved, °C:	-40 - +90 °C
Maximum tensile strength at the conductor:	30 N/mm ²
Operating speed vertical reeling, 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.

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Nominal voltage U_o: 0.6 kV

Nominal voltage U: 1 kV

Test voltage: 3 kV

Core identification: numbers

part no.	part name	RI [Ohm/km]	Ibl [A]	Ø [mm]	Fzp [N]	Fzd [N]	Cu	G [kg]
050900	44X2.5 YE	7.98	26	36	1650	3300	1056	1860

RI | Conductor resistance

Ibl | Ampacity in air (30 °C)

Ø | outer diameter approx.

Fzp | Tensile strength (permanent)

Fzd | Tensile strength (dynamic)

Cu | Copper weight (GER)

G | net weight per 1000