

# Heavy duty reeling cable (N)SHTOEU RHEYCORD<sup>®</sup> (RTS)



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

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

## Construction and technical data:

<b>Standard:</b>	VDE 0250-814 (with ref. to)
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 5 = flexible
<b>Insulation:</b>	HEPR
<b>Arrangement of protective conductors:</b>	split in the outer interstices
<b>Material inner sheath:</b>	rubber (CR) 5GM5
<b>Torsion protection:</b>	synthetic braid
<b>Sheathing material:</b>	rubber (CR) 5GM5
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>UV-resistant:</b>	yes
<b>Oil-resistant:</b>	EN 60811-2-1
<b>Max. temperature at conductor, °C:</b>	90 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +80 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-30 - +80 °C
<b>Maximum tensile strength at the conductor:</b>	30 N/mm <sup>2</sup>



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.

## Bending radii

Installation	<8-12 mm	>13-20 mm	>20 mm
free movement	3D		5D
reeling operation		5D	6D
multi roller		7.5D	
S-shaped track curves		≥20D	

**(N)SHTOEU-J RHEYCORD<sup>®</sup> (RTS)****Nominal voltage U<sub>o</sub>:** 0.6 kV**Nominal voltage U:** 1 kV**Maximum permitted operating voltage in three-phase systems:** 1.2 kV**Test voltage:** 3.5 kV**Core identification:** colours acc. to VDE 0293 (HD308)

part no.	part name	RI [Ohm/km]	I <sub>bl</sub> [A]	Ø [mm]	F <sub>zp</sub> [N]	F <sub>zd</sub> [N]	Cu	G [kg]
052222	3X150 + 3X70/3 YE	0.129	399	56	6750	13500	5040	6460
052224	3X300 + 3X150/3 YE	0.0641	621	74	13500	27000	10080	12350

RI	Conductor resistance
I <sub>bl</sub>	Ampacity in air (30 °C)
Ø	outer diameter approx.
F <sub>zp</sub>	Tensile strength (permanent)
F <sub>zd</sub>	Tensile strength (dynamic)
Cu	Copper weight (GER)
G	net weight per 1000