

Heavy duty reeling cable (N)SHTOEU RHEYCORD[®] (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:

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



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[®] (RTS)**Nominal voltage U_o:** 0.6 kV**Nominal voltage U:** 1 kV**Maximum permitted operating voltage in** 1.2 kV**three-phase systems:****Test voltage:** 3.5 kV**Core identification:** colours acc. to VDE 0293 (HD308)

part no.	part name	RI [Ohm/km]	I _{bl} [A]	Ø [mm]	F _{zp} [N]	F _{zd} [N]	Cu [kg/km]	G [kg/km]
052222	3X150+3X70/ 3 GE	0.129	399	56	6750	13500	5040	6460
052223	3X240+3X120/ 3 GE	0.0801	538	69	10800	21600	8064	10430
052224	3X300+3X150/ 3 GE	0.129	621	74	13500	21600	10080	12350

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
Ø	outer diameter approx.
F _{zp}	Tensile strength (permanent)
F _{zd}	Tensile strength (dynamic)
Cu	Copper weight (GER)
G	net weight