

Nexans Rheycord[®]-OFE SR

Reeling fibre optic cable



Application: Flexible fibre optic cable for signal and data transmission in crane and conveyor systems with high drum speeds and extreme tensile loads. The cables can be manufactured with singlemode E9/125 and multimode 62.5/125 fibers for specific projects. Our stock type has 24 multimode fibres 50/125.

We also offer customer-specific cables with matching ST plugs or pigtails.

Construction and technical data:

Standard:	DIN VDE 0168; DIN VDE 0888
Type of tube:	gel-filled loose tube
Self-supporting element:	central steel rope
Torsion protection:	synthetic braid
Torsion:	+/- 120 °/m
Strength member:	central steel rope
Sheathing material:	rubber (CR) 5GM5
Colour of outer sheath:	orange
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	EN 60811-2-1
Ozone-resistant:	yes
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-30 - +80 °C
Bending radius, fixed installation:	5 x Ø
Bending radius, moving application:	10 x Ø
Operating speed random, 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.

part no.	part name	Ø [mm]	Fzp [N]	G [kg]	
071815	24G50/125	19	4000	370	multimode

Ø | outer diameter approx.

Fzp | Tensile strength (permanent)

G | net weight per 1000