

Reeling fibre optic cable

NEXANS RHEYCORD[®]-OFE R



Application: Flexible fibre optic cable for signal and data transmission in crane and conveyor systems with high drum speeds and tensile loads. The cables can be manufactured with singlemode E9/125 and multimode 50/125 or 62.5/125 fibers for specific projects. We also offer customer-specific cables with matching ST plugs or pigtails.

Construction and technical data:

Standard:	DIN VDE 0888, DIN VDE 0168
Type of tube:	gel-filled loose tube
Material inner sheath:	rubber (CR) 5GM5
Self-supporting element:	synthetic fibre
Torsion protection:	synthetic braid
Torsion:	+/- 120 °/m
Sheathing material:	rubber (CR) 5GM5
Colour of outer sheath:	black
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 - +60 °C
Operating speed random, m/min.:	120 m/min.
Operating speed festoon, 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.

FABER[®] dataline festoon fibre optic flex R

part no.	part name	Number of fibres [n]	Ø [mm]	Fzp [N]	G [kg]	
071875	02X12 E9/125	24	16	2000	216	singlemode/multimode

part no.	part name	Number of fibres [n]	Ø [mm]	Fzp [N]	G [kg]	
071876	02X12G50/125	24	16	2000	216	singlemode/multimode
071877	02X12G62.5/125	24	16	2000	216	singlemode/multimode

Number of fibres	Number of fibres
Ø	outer diameter approx.
Fzp	Tensile strength (permanent)
G	net weight per 1000