

# Reeling fibre optic cable

## NEXANS RHEYCORD<sup>®</sup>-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:

<b>Standard:</b>	DIN VDE 0888, DIN VDE 0168
<b>Type of tube:</b>	gel-filled loose tube
<b>Material inner sheath:</b>	rubber (CR) 5GM5
<b>Self-supporting element:</b>	synthetic fibre
<b>Torsion protection:</b>	synthetic braid
<b>Torsion:</b>	+/- 120 °/m
<b>Sheathing material:</b>	rubber (CR) 5GM5
<b>Colour of outer sheath:</b>	black
<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>Ozone-resistant:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +80 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-30 - +60 °C
<b>Operating speed random, m/min.:</b>	120 m/min.
<b>Operating speed festoon, m/min.:</b>	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<sup>®</sup>** 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

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