



## USE OF CABLE

cable for optical transmission of data and signals for very high mechanical requirements, frequently bendings, especially for use in trolley systems, drag chains on moving parts of machines, conveyor facilities. Suitable for dry, humid and wet rooms, for outdoor use and also for explosive environment.



## SPECIAL FEATURES

- for low reeling operation requirements
- free from lacquer damaging substances and silicone (during production)
- resistant to ozone, UV radiation and humidity
- halogen-free
- also available on request for permanent use in water (no drinking water) up to 50 m diving depth

## REMARKS

- conform to RoHS
- for travelling speed on cable trolleys up to 240 m/min
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.
- We are pleased to offer you the cables assembled with ST connectors.

## PRODUCT INFORMATION

Conductor material:	Fiber optics type 9/125, 50/125 or 62,5/125
Core insulation:	PETP tubes filled with jelly
Overall stranding:	Fiber optics in PETP-tubes filled with jelly, stranded with fillers in an envelope of heat resistant compound, wrapped with a strain relief of aramide rovings and braid of polyester fibres
Outer sheath:	PUR
Sheath colour:	Black
Min. bending radius fixed:	6 x d
Min. bending radius moved:	10 x d
Operat. temp. fixed min/max:	-40 °C / +80 °C
Operat. temp. moved min/max:	-30 °C / +70 °C
Burning behavior:	Similar to IEC 60332-2-1
Resistant to oil:	Acc. to EN 60811-404
Tensile strength:	Max. 300 N

## ITEM OVERVIEW

Product No.	Dimension [n x mm <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3003020	12 E9/125	13,0 - 15,0		170,00	black	V1: FESTOONFIBERFLEX PUR-HF SingleMode
3003021	18 E9/125	13,0 - 15,0		170,00	black	V1: FESTOONFIBERFLEX PUR-HF SingleMode
3003022	24 E9/125	13,0 - 15,0		170,00	black	V1: FESTOONFIBERFLEX PUR-HF SingleMode
2003380	12 G 50/125	13,0 - 15,0		170,00	black	V2: FESTOONFIBERFLEX PUR-HF MultiMode
3003024	18 G50/125	13,0 - 15,0		170,00	black	V2: FESTOONFIBERFLEX PUR-HF MultiMode
3003025	24 G50/125	13,0 - 15,0		170,00	black	V2: FESTOONFIBERFLEX PUR-HF MultiMode
2003118	12 G62,5/125	13,0 - 15,0		170,00	black	V2: FESTOONFIBERFLEX PUR-HF MultiMode
3003027	18 G62,5/125	13,0 - 15,0		170,00	black	V2: FESTOONFIBERFLEX PUR-HF MultiMode
3003028	24 G62,5/125	13,0 - 15,0		170,00	black	V2: FESTOONFIBERFLEX PUR-HF MultiMode