

Fibre optic - festoon cable

BITfiber[®] Festoon



Application: Flexible fiber optic cable for signal and data transmission in cable festoon applications for long distances.

Standards:

- single-mode optical fiber E9/125 acc. to
 - ITU-T G.652 D - OS2
 - DIN EN IEC 60793-2-50 / VDE 0888-325
- graded-index 62.5/125 µm multimode fiber acc. to
 - DIN EN IEC 60793-2-10 A1-OM1
 - IEEE 802.3 Gigabit Ethernet Standard
 - VDE 0888-321
- graded-index 50/125 µm multimode fiber acc. to
 - DIN EN IEC 60793-2-10 A1-OM2 – OM4
 - ITU-T G.651
 - VDE 0888-321

Construction and technical data:

Standard:	DIN VDE 0888, DIN VDE 0207-21
Sheathing material:	rubber 5GM5
Colour of outer sheath:	orange
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Oil-resistant:	EN 60811-404
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-30 - +80 °C
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.

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Core identification: DIN EN 60304

part no.	part name	Number of fibres [n]	Rbb [mm]	Ø [mm]	Fzd [N]	G [kg]	
073497	2X12E9/125	24	136	12	2000	130	singlemode/multimode

part no.	part name	Number of fibres [n]	Rbb [mm]	Ø [mm]	Fzd [N]	G [kg]	
073498	2X12G50/125	24	136	12	2000	130	singlemode/multimode
073499	2X12G62,5/125	24	136	12	2000	130	singlemode/multimode
073543	2X12G50/125 OM4	24	136	12	2000	120	singlemode/multimode

Number of fibres	Number of fibres
Rbb	Bending radius, moving application
Ø	outer diameter approx.
Fzd	Tensile strength (dynamic)
G	net weight per 1000

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