



900 Micron Tight Buffer Optical Fiber

Routing and patching in space constrained applications



close-up detail

Prysmian's 900 micron tight buffer is perfect for easy routing and patching in space constrained applications, such as equipment cabinets.

Features

- All fiber types available including 62.5 and 50 μm multimode, single-mode and bend insensitive fibers
- Available with standard low smoke PVC, low smoke zero halogen, polyvinylidene fluoride, polyester elastomer
- Available in 1.1 km increments up to 4.4 km max. length
- Fiber is proof tested to 100 kpsi
- Available in 12 colors meeting EIA/TIA-598 color standards

Benefits

- Ideal for OEM equipment and components
- Ultra small size allows more cross-connects in the same area as traditional interconnect products
- Fibers can be stripped in one pass to the bare glass saving installation time

Applications

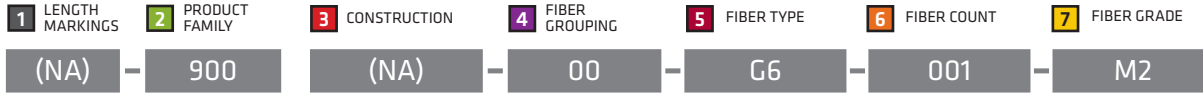
- OEM equipment
- Network Interface Cards (NIC)
- Data Centers, SANs
- Cabinets and Cassettes
- Splitters / Couplers / Attenuators

Specifications

- Operating Temperature Range: -20°C to 70°C
- Storage Temperature Range: -40°C to 70°C

Ordering Guide The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below.

Example: 900µm PVC tight buffered fiber | one multimode 62.5/125 Fiber (printed in feet)



CABLE INFORMATION	
1 LENGTH MARKINGS	(NA) = not applicable
2 PRODUCT FAMILY	ezINTERCONNECT 900 = 1 fiber 900µm PVC 900C = 1 fiber 900µm Clear PVC 900F = 1 fiber 900µm PVDF 900H = 1 fiber 900µm Polyester Elastomer 900Z = 1 fiber 900µm LSZH
3 PRODUCT FAMILY	(NA) = not applicable
4 FIBER GROUPING	00 = single unit

FIBER INFORMATION				
5 FIBER TYPE				
SINGLE-MODE				
HB = Enhanced Single-Mode (ITU G.652 C & D)				
B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)				
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & B2 & G.652.D)				
MULTIMODE	Wavelength (nm)	Bandwidth (MHz)	1 GbE Dist (m)	10 GbE Dist (m)
G6 = OM1 (62.5µm)	850/1300	200/500	300/550	33/___
G5 = OM2+ BIF (50µm)	850/1300	700/500	800	150/___
G3 = OM3 BIF (50µm)	850/1300	1500/500	1000	300/___
G4 = OM4 BIF (50µm)	850/1300	3500/500	1100	550/___
6 FIBER COUNT				
001 fiber				
7 FIBER GRADE				
SINGLE-MODE				
Attenuation (dB/km)	Wavelength (nm)	Fiber Type		
EB = 0.7/0.7/0.7	1310/1383/1550	Enhanced Single-Mode		
EA = 0.5/0.5/0.5	1310/1383/1550	Bend-Insensitive Single-Mode		
E7 = 0.4/0.4/0.3	1310/1383/1550	Bend-Insensitive Single-Mode		
MULTIMODE				
Attenuation (dB/km)	Wavelength (nm)	Fiber Type		
M2 = 3.5/1.0	850/1300	OM1 (62.5µm)		
M3 = 3.0/1.0	850/1300	OM2+, OM3, OM4 (50µm)		
Other cable constructions and fiber performance grades available on request.				

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