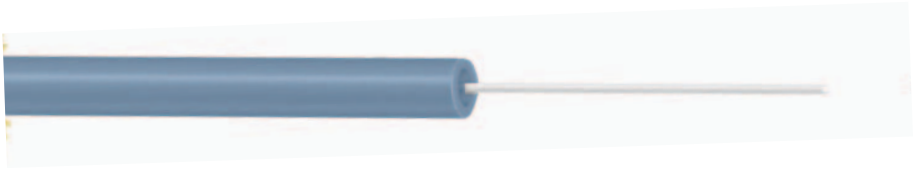
900 Micron Tight Buffer Optical Fiber



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 or 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

Prysmian Group
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Sales:
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500C_DS049_900 MICRON_PVC TIGHT_BUFFERED FIBER_IN_TB_0413

Prysmian Group

PRYSMIAN Draka

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

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	900	BLANK	01	6S	001	M2

CABLE INFORMATION

1 LENGTH MARKINGS

F = Feet or M = Meters

2 PRODUCT FAMILY

DATA CENTER
900= 1 fiber | 900µm PVC | TB
900C= 1 fiber | 900µm Clear PVC | TB
900F= 1 fiber | 900µm PVDF (Solef) | TB
900U= 1 fiber | 900µm Elastomer (Hybrid) | TB
900Z= 1 fiber | 900µm LSZH | TB

3 PRODUCT FAMILY

(blank) = none

AJ = Jacketed aluminum

SJ = Jacketed steel

4 FIBER GROUPING

(blank) = no grouping

01 = If breakout cable unit

06 = 6f per unit or tube

12 = 12f per unit or tube

FIBER INFORMATION

5 FIBER TYPE

SINGLE-MODE

ES = Enhanced Single-Mode (ITU G.652 C & D)

BB = BendBright Single-Mode (ITU G.657.A2 & B2 & G.652.D)

BX = BendBrightXS Single-Mode (ITU G.657.A2 & B2 & G.652.D)

MULTIMODE	Wavelength (nm)	Bandwidth (MHz)	1 GbE Dist (m)	10 GbE Dist (m)
6S = OM1 (62.5µm)	850/1300	200/500	300/550	33/___
5E = MaxCap-BB-OM2+ (50µm)	850/1300	700/500	800/550	150/___
5F = MaxCap-BB-OM3 (50µm)	850/1300	1500/500	1000/550	300/___
5G = MaxCap-BB-OM4 (50µm)	850/1300	3500/500	1100/550	550/___

6 FIBER COUNT

002 to 144 fibers

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
EB =0.7/0.7/0.7	1310/1383/1550	BendBright Single-Mode
EB =0.7/0.7/0.7	1310/1383/1550	BendBrightXS Single-Mode

MULTIMODE	Attenuation (dB/km)	Wavelength (nm)
M2 = OM1 (62.5µm)	3.5/1.0	850/1300
M1 = MaxCap-BB-OM2+ (50µm)	3.5/1.5	850/1300
M1 = MaxCap-BB-OM3 (50µm)	3.5/1.5	850/1300
M1 = MaxCap-BB-OM4 (50µm)	3.5/1.5	850/1300

Other cable constructions and fiber performance grades available on request.

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