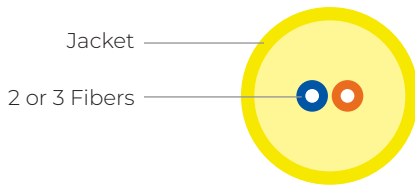


GenSPEED® Micro Fiber MFC

1.6 mm Units, Plenum Rated

Micro Fiber Cable (MFC)



OVERVIEW

GenSPEED MFC is the ideal cable for data center, co-location and central office facilities where a small diameter, highly flexible cable is desired. This MFC cable is a 1.6mm unit cable for a minimum footprint and maximum route-ability.

SPECIFICATIONS / RATINGS

Applications Routing and patching for indoor communication network locations

Size 1.6 mm

Fiber 250µm fibers

Flame Ratings Plenum (OFNP/FT6)

Fiber Count 2 or 3 Fibers

Fiber Types Single-mode and multimode

Standards ANSI / ICEA S-83-596, Telcordia GR-409, CE RoHS Compliant

Registered Supplier ISO 9001, ISO 14001, TL 9000, and OHSAS 18001



FEATURES AND BENEFITS

Flexible Routing & Termination

- Very flexible with no preferential bend
- Compatible with routing in trays, racks and under raised floors in network communication centers
- Enables installation around tight corners and in confined spaces

Flame-Retardant Safety

- NFPA-262/CSA FT6 OFNP Plenum

Reliable Performance

- Rugged thermoplastic jacket for crush resistance
- Designed and tested to standards-based performance criteria



Prysmian

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na.prysmian.com
TLS-DS-C-206-0225

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Fiber Count	Recommended Part Number	Diameter		Cable Weight		Bend Radius UNDER LOAD		Bend Radius NO LOAD		Max Installation LOAD (pull strength)		Max Operation LOAD	
	Prysmian*	inches	mm	lb/kft	kg/km	inches	cm	inches	cm	lbs	newtons	lbs	newtons

MFC16 - MFC 1.6mm Plenum OFNP/FT6

2	MFC16-00-AA-002-BB	0.06	1.6	2	4	1.3	3	0.6	1.6	9	39	2.6	12
3	MFC16-00-AA-003-BB	0.06	1.6	2.8	4.2	1.3	3	0.6	1.6	9	39	2.6	12

* Where AA equals glass type and BB equals attenuation code

** Installation temperature range of 5°C to +60°C

Outer Jacket Color Identification

Yellow Single-mode

Temperature Range

Shipping and Storage: -40° F to +158° F (-40° C to +70° C)
 Installation: +32° F to +140° F (0° C to +60° C)
 Operation: +32° F to +158° F (0° C to +70° C)

Ordering Guide

The Prysmian 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: GenSPEED 2 fiber 1.6mm micro fiber MFC cable, with bend-insensitive single mode fibers (printed in feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	MFC16	BLANK	00	B2	002	E1

PART NUMBER CONSTRUCTION	
1 LENGTH MARKINGS	F = Feet or M = Meters
2 PRODUCT FAMILY	MFC16 = Plenum OFNP/FT6
3 CONSTRUCTION	(BLANK) = None
4 FIBER GROUPING	00 = Single Unit

FIBER INFORMATION		
5 FIBER TYPE	SINGLE-MODE	
	B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)	
6 FIBER COUNT	002 to 003 fibers	
7 FIBER GRADE	SINGLE-MODE	
	Attenuation (dB/km)	Wavelength (nm)
	E1 = 0.40/0.40/0.30	1310/1383/1550
		Fiber Type
		B2

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help. Other cable constructions and fiber performance grades available on request.



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