PFP MULTIMODE SIMPLEX FIBER - RISER RATED

Part Number: MMSF-R-XX-XX-XXX-XXX

PRODUCT DESCRIPTION

Precision Fiber Products, Inc. Simplex Cable features a tight buffer, Kevlar® reinforcement, and a PVC outer jacket, with all constituent materials conforming to EU RoHS and REACH Directive standards. This simplex cable is offered in 12 TIA standard colors, with the option for special order colors. We provide UL Listed OFNR cables, as well as unlisted, unrated cables for specific requirements. The standard surface printing on the cable details its construction, NEC rating, fiber type, and includes footage markers. Additionally, we offer services for custom printing to meet unique specifications.

FEATURES

- 3mm, 2mm, 1.8mm and 1.6mm
- OD sizes to meet all patch cord applications
- Consistent 3.5 – 5 lbs-f for easy stripability of buffer
- Available in custom colors

APPLICATION

- Riser - Flame Rating: UL1666

OPTICAL PERFORMANCE SPECIFICATIONS

TEMPERATURE RANGE

Storage Temperature	-40 C to +70 C
Operating Temperature	-20 C to +70 C

CABLE CHARACTERISTICS

Fiber Count	1
Outer Jacket Material	Flame Retardant PVC
Outer Jacket Color	Available in 12 TIA/EIA color standard
Strength Member	Kevlar®
Tight Buffer Material	Flame Retardant PVC
Tight Buffer Color	White

Physical Characteristics	Value			
Nominal Outer Diameter (mm)	2.95	1.95	1.80	1.60
Weight (lbs/km)	17	13	9	6
Minimum Bend Radius (mm) (Bend Insensitive MM)	7.5			

OPTICAL CHARACTERISTICS

Items	OM1	OM2	OM3	OM4
Core Size	62.5 um	50 um	50 um	50 um
Wavelength	(850/ 1300) nm	(850/ 1300) nm	(850/ 1300) nm	(850/ 1300) nm
Max. Attenuation	(3.5/ 1.5) dB/ km	(3.5/ 1.5) dB/ km	(3.5/ 1.5) dB/ km	(3.5/ 1.5) dB/ km
Bandwidth (EMB) (High Performance)	220 MHz @850nm	850 MHz @850nm	2000 MHz @850nm	4700 MHz @850nm
Link Length (10Gb/ s)	-	150 mtr	300 mtr	550 mtr

ORDERING INFORMATION

MMSF-R-XX	-XX	-XXX	-XXX
Core Diameter	**Outside Diameter**	**Outer Jacket Color**	**Spool Size**
50= 50um	16= 1.6mm	AQU=Aqua	001= 1 Meter
62= 62.5um	18= 1.8mm	BLA=Black	010= 10 Meters
	20= 2.0mm	BLU=Blue	100= 100 Meters
	30= 3.0mm	BRO=Brown	1KM= 1 Kilometer
		GRE=Green	
		ORA=Orange	
		RED=Red	
		ROS=Rose	
		SLA=Slate	
		VIO=Violet	
		WHI=White	
		YEL=Yellow	

Meet or exceed customer expectation in product quality and on time delivery