

nufern PM1550B-XP保偏光纤

产品名称	nufern PM1550B-XP保偏光纤
公司名称	四川领航光瑞科技有限公司
价格	1.00/米
规格参数	品牌:nufern 型号:PM1550B-XP
公司地址	-
联系电话	暂无

产品详情

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Polarization Maintaining 1550 nm Telecommunication Fiber

Nufern's Polarization Maintaining Telco fibers are designed for today's most advanced networks. Optimized for use at 1550 nm, these fibers are used in all PM applications for data and telecom. Nufern has applied its unique manufacturing facility and capabilities to this product area and has established leading optical, mechanical and geometrical tolerances. The bend insensitive versions of our fibers offer lowest bend loss and extinction ratios at small bend diameters enabling our customers to reduce package sizes. Available in either 250 or 400 micron coating diameters and prooftested to 200 kpsi, Nufern's PM fibers will meet the demands of all current and future applications.

Optical Signal Wavelength	1440 – 1625 nm
Core NA	0.125
Mode Field Diameter	10.1 ± 0.4 μm @ 1550 nm
Maximum Bend Loss	0.5 dB at 1550 nm, 25 mm OD, 10 turns
Cutoff	1380 ± 60 nm
Core Attenuation	? 0.5 dB/km @ 1550 nm
Beat Length	? 5.0 mm @ 1550 nm

Normalized Cross Talk	? - 40.0 dB at 4 m @ 1550 nm ? - 30.0 dB at 100 m @ 1550 nm
Bending Cross Talk	-30 dB at 1550 nm, 25 mm OD, 10 turns
Geometrical & Mechanical Specifications	
Cladding Diameter	125.0 ± 1.0 µm
Core Diameter	8.5 µm
Coating Diameter	245.0 ± 15.0 µm
Coating Concentricity	< 5.0 µm
Core/Clad Offset	? 0.50 ?m
Coating Material	UV Cured, Dual Acrylate
Operating Temperature Range	-40 to 85 °C
Proof Test Level	? 200 kpsi (1.4 GN/m ²)