

PRODUCT SPECIFICATION**PAGE 1/2**

TITLE MPO Ribbon Bare Fiber Pigtail	DOC No. RFD- 20250317100-004	
	REVISION : 01	AUTHORIZED BY : Justina Liu
	DATE : 2025.03.17	CLASSIFICATION : Optics Cable

1. Feature

- Low insertion loss and back reflection loss
- Good exchangeability
- Good Durability
- High temperature stability
- Standard: Telcordia GR-1435-CORE compliant

2. APPLICATIONS

- CATV , and Multimedia
- Telecommunication networks
- Active device interface
- Telecommunication networks
- Gigabit Ethernet
- Data processing networks
- Interconnection for O/E modules
- Optical switch interframe connection
- Asynchronous Transmission Mode (ATM)

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3. SPECIFICATIONS

Item	Single Mode		Multimode	
	Standard	Low loss	Standard	Low loss
Insertion Loss	≤0.75dB, typical≤0.5dB	≤0.35dB, typical≤0.2dB	≤0.75dB, typical≤0.5dB	≤0.35dB, typical≤0.2dB
Return Loss	≥60dB(APC)		≥30dB(UPC)	
Repeatability	≤0.2		≤0.2	
Durability	≤0.2 dB typical change, 500 matings		≤0.2 dB typical change, 500 matings	
Interchangeability	≤0.2dB		≤0.2dB	
Tensile Strength	>5N		>5N	
Operating Temperature	-40°C ~ 85°C		-40°C ~ 85°C	