

<b>TITLE</b>  <b>MPO Round Trunk Cable Patch Cord</b>	<b>DOC No. RFD- 20250317100-006</b>	
	<b>REVISION :</b> <b>01</b>	<b>AUTHORIZED BY :</b> <b>Justina Liu</b>
	<b>DATE :</b> <b>2025.03.17</b>	<b>CLASSIFICATION :</b> <b>Optics Cable</b>

## 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)

## PRODUCT SPECIFICATION

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### 3. SPECIFICATIONS

<b>Item</b>	<b>Single Mode</b>		<b>Multimode</b>	
	<b>Standard</b>	<b>Low loss</b>	<b>Standard</b>	<b>Low loss</b>
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	>70N		>70N	
Operating Temperature	-40°C ~ 85°C		-40°C ~ 85°C	