

PRODUCT SPECIFICATION**PAGE 1/2**

TITLE 2.0mm FC Optic Patch Cord	DOC No. RFD- 20250314100-007	
	REVISION : 01	AUTHORIZED BY : Justina Liu
	DATE : 2025.03.14	CLASSIFICATION : Optics Cable

1. Feature

- Simplex/Duplex patch-cord available
- Fan-out available
- Pigtail available
- Various boot (cable) sizes available

2. APPLICATIONS

- CATV
- Telecommunication networks
- Active device termination
- Metro
- Local Area Networks (LANs)
- Data processing networks
- Test equipment
- Premise installations
- Wide Area Networks (WANs)

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3. SPECIFICATIONS

Item	Single mode	Multimode
Insertion Loss	$\leq 0.3\text{dB}$	$\leq 0.3\text{dB}$
Return Loss	$\geq 50\text{dB}$ (UPC), $\geq 60\text{dB}$ (APC)	$\geq 30\text{dB}$
Repeatability	≤ 0.2	≤ 0.2
Durability	$\leq 0.2\text{dB}$ typical change, 500 matings	$\leq 0.2\text{dB}$ typical change, 500 matings
Interchangeability	$\leq 0.2\text{dB}$	$\leq 0.2\text{dB}$
Tensile strength	$> 70\text{N}$	$> 70\text{N}$
Operating Temperature	$-20 \sim 70^{\circ}\text{C}$	$-20 \sim 70^{\circ}\text{C}$

Type	Simplex/Duplex	Cable jacket Type	Cable jacket Colors	Fiber Type	Length
Patchcord - Both end with connectors	Simplex - 1F	PVC	SM - Yellow	G652D/G657A1/G657A2 /G657B2/G657B3/OM1/OM2/OM3/OM4/OM5	Customized
	Duplex - 2F	LSZH	OM1 - Orange		
Pigtail - One end with connectors		Riser	OM3 - Aqua		
		Plenum	OM4 - Magenta		