

TITLE 3.0mm FC Optic Patch Cord	DOC No. RFD- 20250314100-009	
	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)

PRODUCT SPECIFICATION

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3. SPECIFICATIONS

Item	Single mode	Multimode
Insertion Loss	≤0.3dB	≤0.3dB
Return Loss	≥50dB (UPC), ≥60 dB (APC)	≥30dB
Repeatability	≤0.2	≤0.2
Durability	≤0.2dB typical change, 500 matings	≤0.2dB typical change, 500 matings
Interchangeability	≤0.2dB	≤0.2dB
Tensile strength	>70N	>70N
Operating Temperature	-20 ~ 70°C	-20 ~ 70°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		