

PRODUCT SPECIFICATION**PAGE 1/2**

TITLE 3.0mm ST Optic Patch Cord	DOC No. RFD- 20250314100-002	
	REVISION : 01	AUTHORIZED BY : Justina Liu
	DATE : 2025.03.14	CLASSIFICATION : Optics Cable

1. Feature

- Simplex/Duplex patch-cord available
- OS2/OM1/OM2/OM3/OM4/OM5 Fiber types are available
- Jacket types are available
- ROHS compliant
- IEC61300/IEC61753/TIA455/IEC60793/IEC60794/IEC61755 compliant

2. APPLICATIONS

- Local Area Networks (LANs)
- Data processing networks
- Instrument
- Premise installations

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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	$-20 \sim 70^{\circ}\text{C}$	$-20 \sim 70^{\circ}\text{C}$