

Applications

The PROSE ICS Fiber Patch Cord is used with common fiber adapter and intelligent distribution frames. It adopts the standard fiber optic connector structure and two copper pins, support single-mode and multi-mode, length can be customized.

Feature

- 1. Standard fiber optic connector structure and two copper pins;
- 2. Support single-mode and multi-mode, length can be customized;
- 3. Supports LC duplex adapter and SC simplex adapter;

Product Outline



Characteristic

Fiber types	Single-mode 9/125um (G652D,G657A/B, etc.) Multi-mode 50/125um (OM3/OM4/OM5)
Connector variants	Simplex and duplex
External diameter	0.9mm buffered fiber 3.5mm simplex/duplex cable
Delivery form	Single item in foil bag One product ID label with measurement values per patchcord Serial number label on patchcord
Minimum Bending Radius for Installation(mm)	20 times O.D
Minimum Bending Radius for Operation (mm)	10 times O.D
Installation Temperature	0-50°C
Operating Temperature	-20°C to +60°C
Transportation and Storage Temperature	-25°C to +70°C

Standards

- LC Comply with IEC 61754-20
- SC Comply with TIA 568, IEC 874-10
- The insertion loss test acc.to IEC 61300-3-4
- The return loss test acc.to IEC 61300-3-6

Technical Parameters

Single-mode		IL Typical	IL Maximum	RL Typical	RL Minimum
LC duplex; SC simplex	Ultra (UPC)	0.20 dB	0.30 dB	-55 dB	-45dB
	Angle(APC)	0.20 dB	0.30 dB	-65dB	-60dB
Multi-mode					
LC duplex; SC simplex	Ultra (UPC)	0.10 dB	0.30 dB	NA	

Alarm function

Alarm name	Level	Production condition	Vanishing condition	Alarm handling
Disconnected alarm	seriousness	Unplug the network cable	1. Insert the network cable 2. Acknowledge the alarm	1. Insert the network cable 2. Acknowledge the alarm
Line alarm	seriousness	Plug in a network cable	1. Remove the network cable 2. Acknowledge the alarm	1. Remove the network cable 2. Acknowledge the alarm
Scan unit online	notification	The scan unit connects to the management unit		
The scan unit is offline	notification	Scan unit Pulls out the snap-in		

Environmental Parameters

Item	Parameter
Operation temperature	-20°C to +55°C
Operation humidity	20~90%RH

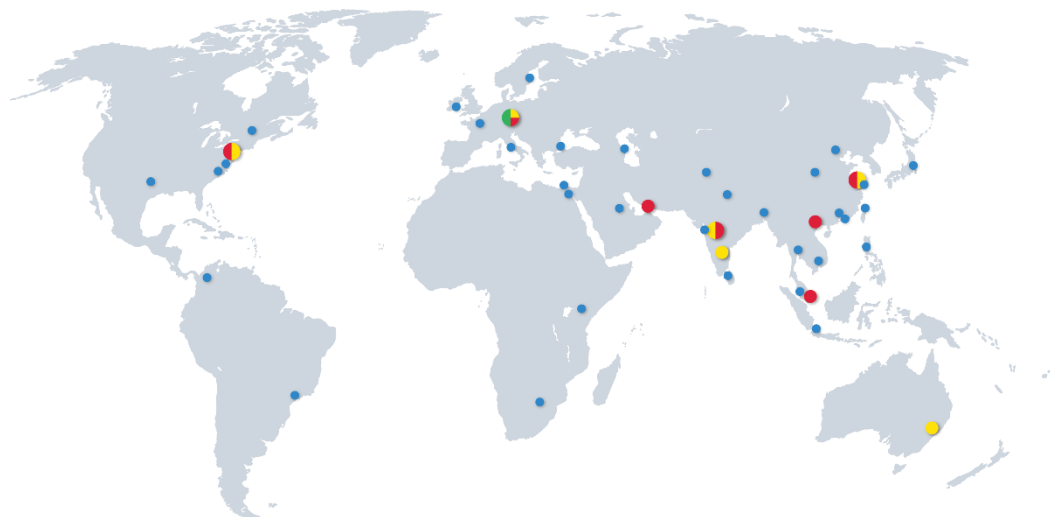
Storage temperature	-25°C to +65°C
Storage humidity	10-95%RH
Temperature coefficient	-0.03%~+0.03%/°C

Ordering Information

Part Number	Description
NFJ-GD02LCLC62-31	ICS Fiber Patchcord, Duplex, LC-LC, SM G652D, LSZH, for inter-connection,1m
NFJ-M302LCLC62-31	ICS Fiber Patchcord, Duplex, LC-LC, MM OM3, LSZH, for inter-connection,1m
NFJ-M402LCLC62-31	ICS Fiber Patchcord, Duplex, LC-LC, MM OM4, LSZH, for inter-connection,1m
NFJ-GD02LCLC62-41	ICS Fiber Patchcord, Duplex, LC-LC, SM G652D, LSZH, for cross-connection,1m
NFJ-M302LCLC624-41	ICS Fiber Patchcord, Duplex, LC-LC, MM OM3, LSZH, for cross-connection,1m
NFJ-M402LCLC624-41	ICS Fiber Patchcord, Duplex, LC-LC, MM OM4, LSZH, for cross-connection,1m

Note: The last character represents the length: H:0.5m; 1:1m; 2:2m; 3:3m; 5:5m; 10:10m;

GLOBAL FOOTPRINT



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