J71 Fibre Patch Cords

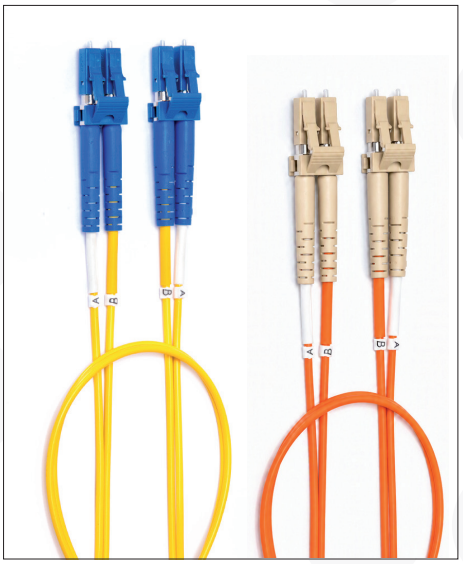
JAYCOR

JAYCOR's J71 Fibre Patch Cord Range is designed to deliver reliable, high-performance optical connectivity for data centres, telecommunications networks, enterprise LANs, industrial networks, and FTTH applications. Manufactured using premium fibre optic cable and precision connectors, the J71 range ensures low insertion loss, excellent repeatability, and long-term network performance.

Available in a wide variety of configurations, the J71 range supports both single mode and multimode fibre types, with connector options including LC, SC, ST, FC, MT-RJ, and E2000, as well as simplex and duplex constructions to suit diverse installation requirements.

Each J71 patch cord is factory-terminated and performance-tested to ensure consistent optical performance, dependable signal integrity, and compliance with industry standards. High-quality connector assemblies and durable cable construction provide reliable service in both commercial and industrial networking environments.

The J71 range is available in multiple cable lengths, fibre grades, and LSZH sheath types, offering a flexible connectivity solution for network installation, expansion, and maintenance applications. Custom connector combinations are available to support both legacy and next-generation fibre optic infrastructures.



Part Number System

Range	Mode	Simple/Duplex	Fibre Connectors:		Fibre Type	Length (m):	Variant:
Fibre Patch Cord	SM - Singlemode MM - Multimode	SIM -Simplex DU -Duplex	LC, SC, FC, ST, MTRJ, E200 (Variant APC angled polish)	LC, SC, FC, ST, MTRJ, E200 (Variant APC angled polish)	OS2, OM1, OM2, OM3, OM4	1, 3, 5, 10, 15, 20, Custom	MZ - Mini-zip
J71	**.** **SM**	**.** **DU**	**.** **LC**	**.** **LC**	**.** **OS2**	**-** **1**	**MZ**

Example: J71.SM.DU.LC.LC.OS2-1MZ 1m SM Duplex LC-LC fiber patch cord, yellow, LSZH Mini-zip

Item	Single Mode	Multi Mode
Insertion Loss	≤ 0.20dB	≤ 0.20dB
Return Loss	PC ≥ 45dB	UPC ≥ 35dB
	UPC ≥ 55dB	
	APC ≥ 65dB	
Repeatability	≤ 0.1dB	≤ 0.1dB
Tensile Strength	> 15kg	> 15kg
Operating Temperature	-40°C to +85°C	-40°C to +85°C
Cable Jacket Material	OFNR PVC / LSZH	OFNR PVC / LSZH
Cable Jacket Diameter	0.9mm / 1.8mm / 2.8mm	0.9mm / 1.8mm / 2.8mm
Cable Buffer Options	Tight Buffered 900um	Tight Buffered 900um
	Semi-Tight Buffered 900um	Semi-Tight Buffered 900um
	Loose Buffered 900um	Loose Buffered 900um
Radius of Curvature	10.00 min	25.00 max
Fibre Height (Spherical Fit)	-50.0 min	50.0 max
Fibre Height (Planar Fit)	-10.0 min	100.0 max
Apex Offset	0.00 min	50.00 max
Fibre Roughness (Rq)	0.00 min	50.00 max
Fibre Roughness (Ra)	0.00 min	50.00 max
Ferrule Roughness (Rq)	0.00 min	50.00 max
Ferrule Roughness (Ra)	0.00 min	50.00 max
Diameter	123.0 min	135.0 max

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