



## OPTICAL PATCH CORD SIMPLEX

Description	Optical Patch Cord is a simplex fiber cord with optical connectors on both sides.				
Application	Support for background requirements of IEEE 802.3 (Gigabit and 10 Gigabit Ethernet) ANSI T11.2 (Fibre Channel) standard and ITU-T-G-984.				
Advantage	<ul> <li>Recommended for indoor use only, interconnecting optical distributors frames with networking equipments, in optical systems with low loss and high bandwidth, as: high distance systems, backbone networks, video and data transmission and distribution;</li> <li>Exceeds performance requirements of ANSI/TIA-568-D.3 standard;</li> <li>100% assembled and tested on factory;</li> <li>High performance in insertion loss and return loss;</li> <li>Avaiable for single-mode and multimode optical fiber.</li> </ul>				
Installation Environment	Indoor				
Operation Environment	Non Aggressive				
Operation Temperature (°C)	From -25°C to 75°C				
Nominal Diameter (mm)	2.0mm and 3.0mm				
Length	1.0m, 1.5m, 2.0m, 2.5m, 3.0m, 5.0m, 8.0m, 10.0m, 12.0m, 15.0m, 20.0m, 25.0m, 30.0m, 35.0m, 40.0m, 50.0m and 100.0m. * Additional lenghts available upon request.				
Color	Fiber	TIA 568 - C	ABNT		
	Single-mode (G-657A2)	White or Yellow	White or Blue		
	Multimode OM1 (62,5µm)	Orange	Orange		
	Multimode OM2 (50µm)	Orange	Yellow		
	Multimode OM3 (50µm)	Aqua	Aqua		
	Multimode OM4 (50µm)	Aqua	Aqua		
Cable Type	Simplex Tight Patch Cord: totally diele acrylate resin and a secondary coating of thermoplastic flame-retardant outer jack	ctric, consists of one multimode or s of thermoplastic material (tight buffer et surround the tight buffered fiber.	ingle-mode optical fiber coated with ). Dielectric strength members and a		





Connector Type					
	• \$1				
	• FC				
	**For more information, please consult ET03770 - Performance of Optical Connectors				
Fiber Type					
	• Single-mode G.657-A2 (9.0 μm)				
	<ul> <li>Multimode OM1 (62.5 μm)</li> </ul>				
	<ul> <li>Multimode OM2 (50.0 μm)</li> </ul>				
	<ul> <li>Multimode OM3 (50.0 μm)</li> </ul>				
	<ul> <li>Multimode OM4 (50.0 μm)</li> </ul>				
Polishing Type	• • • • • • • • • • • • • • • • • • •				
· •	<ul> <li>PC (UPC) - Single-mode and multimode fibers</li> </ul>				
	<ul> <li>APC - Single-mode fibers</li> </ul>				
Cable Flammability Ratin	g LSZH - Low Smoke and Zero Halogen				
	100N				
Maximum Statical Load (N)					
Bend Radius (mm)	SM BLI G.657-A2 Fiber: 15mm				
	SM G.652 Fibers: 50mm				
	MM Fibers: 60mm				
Rupture Minimum Tensile (N)	200 N - Simplex optical patch cord				
Marking	"FURUKAWA COA - V- MF - Y - Z W OPTICAL CORD month/year LOTE nL YAAMMDDHHmm"				
	where:				
	V = type of optical fiber				
	- SM (single-mode fiber)				
	- BLI-A/B (fiber "bending loss insensitive")				
	- NZD (Non-Zero Dispersion)				
	- MM (multimode fiber)				
	Y = Cord diameter				
	18 Cord with 1 8mm diameter				
	20 Cord with 2 0mm diameter				
	29 Cord with 2 9mm diameter				
	7 = flame retardance rate				
	$\Sigma = detail of the ontical fiber type$				
	FTTA				
	month / Year = date of manufacture				
	ni – batch number of manufacture				
	$(\mathbf{V} = \mathbf{V}_{\mathbf{V}} = \mathbf{V}_{$				
	T - LAUNUGI CASE, AA - I CAL, WIW - WOULD, DD - DAV, HIT - WUULL, HIIII - WUULLE)				





Minimum Order Quantity	1 box, for the standard Length described on length field
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Compatibility	All FCS product line.				
Quantity per gift box		D2.0	D3.0		
	Up to 3.0m	25	15		
	5.0m:	20	12		
	8.0m:	15	8		
	10.0m:	12	6		
	12.0m and 15.0m:	10	4		
	20.0m:	8	3		
	25.0m:	6	3		
	30.0m and 35.0m:	5	2		
	40.0m:	4	1		
	50.0m:	3	1		
Warranty	12 months				
Standard	ISO 8877 - Information Technology - Telecommunications and information exchange between systems - Interface connector and contact assignments for ISDN basic access interface located at reference points S and T ANSI/TIA-568-C.1 - Comercial Building Telecommunications Cabling Standard - General Requirements ANSI/TIA-568-C.3 - Optical Fiber Cabling Components Standard ANSI/ICEA S-83-596 Standard for Indoor Optical Fiber Cable IEC 60332-3 Test on Electric Cables Under Fire Conditions IEC 60754-2 Acidity of Smoke IEC 61034-2 Measurement of smoke density of cables burning under defined conditions ISO/IEC 11.801 Ed.02 - Generic Cabling for Customer Premises TIA-604-10 - FOCIS10 Fiber Optic Connector Intermateability Standardar - Type LC TIA-604-3 - FOCIS3 Fiber Optic Connector Intermateability Standardar - Type SC ITU-T G.657 Characteristics of a bending-loss insensitive single-mode optical fibre cable ITU-T G.651 Characteristics of a 50/125 mm multimode graded index optical fibre cable ABNT NBR 14106 - Optical fiber cords - Specification ABNT NBR 14433 - Mounted connectors for optical medias and adaptors — Specification ABNT NBR 14771 - Indoor optical fibers cables - Specification				
RoHS	This product is in accordance with the RoHS European Directive: a directive on the restriction of the use of certain hazardous substances and related to the environmental preservation				

Part Numbers

