



OPTICAL PATCH CORD SIMPLEX D3

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 style="list-style-type: none"> - 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; - Exceeds performance requirements of ANSI/TIA-568-C.3 standard; - 100% assembled and tested on factory; - High performance in insertion loss and return loss; - Available for single-mode optical fiber. 								
Installation Environment	Indoor								
Operation Environment	Non Aggressive								
Operation Temperature (°C)	From -25°C to 75°C								
Nominal Diameter (mm)	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 lengths available upon request.								
Color	<table border="1"> <thead> <tr> <th>Fiber</th> <th>TIA 568 - C</th> <th>ABNT</th> </tr> </thead> <tbody> <tr> <td>Single-Mode (G657)</td> <td>White or Yellow</td> <td>White or Blue</td> </tr> </tbody> </table>	Fiber	TIA 568 - C	ABNT	Single-Mode (G657)	White or Yellow	White or Blue		
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Cable Type	Simplex Tight Patch Cord: totally dielectric, consists of one multimode or single-mode optical fiber coated with acrylate resin and a secondary coating of thermoplastic material (tight buffer). Dielectric strength members and a thermoplastic flame-retardant outer jacket surround the tight buffered fiber.								
Connector Type	<ul style="list-style-type: none"> • LC • SC • ST • FC 								

For more information, please consult **ET03770 - Performance of Optical Connectors.

Fiber Type	Single-mode G.657-A (9.0 μm)																		
Polishing Type	PC (UPC) or APC																		
Cable Flammability Rating	LSZH - Low Smoke and Zero Halogen																		
Maximum Statical Load (N)	100N																		
Bend Radius (mm)	SM BLI G.657-A2 Fiber: 15mm																		
Rupture Minimum Tensile (N)	200 N - Simplex optical patch cord																		
Marking	<p>"FURUKAWA COA - V - MF - 29 - Z W FTTA OPTICAL CORD ANATEL nANATEL month/year LOTE nL YAAMMDDHHmm"</p> <p>where:</p> <p>V = type of optical fiber</p> <ul style="list-style-type: none"> - BLI-A/B (fiber "<i>bending loss insensitive</i>") - NZD (Non-Zero Dispersion) <p>Y = Cord diameter</p> <p>29 Cord with 2.9mm diameter</p> <p>Z = flame retardance rate</p> <p>W = detail of the optical fiber type</p> <p>nANATEL = Anatel certification file</p> <p>month / Year = date of manufacture</p> <p>nL = batch number of manufacture</p> <p>YAAMMDDHHmm = Traceability</p> <p>(Y - Extruder case; AA - Year; MM - Month; DD - Day; HH - hour; mm - Minute)</p>																		
Minimum Order Quantity	1 box, for the standard Length described on length field																		
Compatibility	All FCS product line.																		
Quantity per gift box	<table border="1"> <tr> <td></td> <td>D3.0</td> </tr> <tr> <td>Up to 3.0m</td> <td>15</td> </tr> <tr> <td>5.0m:</td> <td>12</td> </tr> <tr> <td>8.0m:</td> <td>8</td> </tr> <tr> <td>10.0m:</td> <td>6</td> </tr> <tr> <td>12.0m and 15.0m:</td> <td>4</td> </tr> <tr> <td>20.0m:</td> <td>3</td> </tr> <tr> <td>25.0m:</td> <td>3</td> </tr> <tr> <td>30.0m and 35.0m:</td> <td>2</td> </tr> </table>		D3.0	Up to 3.0m	15	5.0m:	12	8.0m:	8	10.0m:	6	12.0m and 15.0m:	4	20.0m:	3	25.0m:	3	30.0m and 35.0m:	2
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40.0m:	1
50.0m:	1

Warranty	12 months
Standard	<p>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</p> <p>ANSI/TIA-568-C.1 - Comercial Building Telecommunications Cabling Standard - General Requirements</p> <p>ANSI/TIA-568-C.3 - Optical Fiber Cabling Components Standard</p> <p>ANSI/ICEA S-83-596 Standard for Indoor Optical Fiber Cable</p> <p>IEC 60332-3 Test on Electric Cables Under Fire Conditions</p> <p>IEC 60754-2 Acidity of Smoke</p> <p>IEC 61034-2 Measurement of smoke density of cables burning under defined conditions</p> <p>ISO/IEC 11.801 Ed.02 - Generic Cabling for Customer Premises</p> <p>TIA-604-10 - FOCIS10 Fiber Optic Connector Intermateability Standardar - Type LC</p> <p>TIA-604-3 - FOCIS3 Fiber Optic Connector Intermateability Standardar - Type SC</p> <p>ITU-T G.657 Characteristics of a bending-loss insensitive single-mode optical fibre and cable</p> <p>ITU-T G.651 Characteristics of a 50/125 mm multimode graded index optical fibre cable</p> <p>ABNT NBR 14106 - Optical fiber cords - Specification</p> <p>ABNT NBR 14433 - Mounted connectors for optical medias and adaptors — Specification</p> <p>ABNT NBR 14565 - Structured cabling for commercial buildings</p> <p>ABNT NBR 14771 - Indoor optical fibers cables - Specification</p>
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

[Codification](#)