

OPTICO E2000-FC Multi-mode Patch Cord

Ideal for 1G/10G/40G/100G Ethernet connections.

Designed for data center, enterprise, FTTX, LAN and WAN, CATV network, telecom network applications, etc. requiring quick infrastructure deployment such as main, horizontal, and zone distribution areas.



• Description

Fiber optic patch cables are the ideal solution for today's high-speed data transfer connections. OPTICO patch cords feature a low insertion loss and high return loss. They are specially designed to meet the demand of Gigabit Ethernet, 10 Gigabit Ethernet and high speed Fiber Channel. Every termination is through rigorous parameter test to ensure the highest network performance.

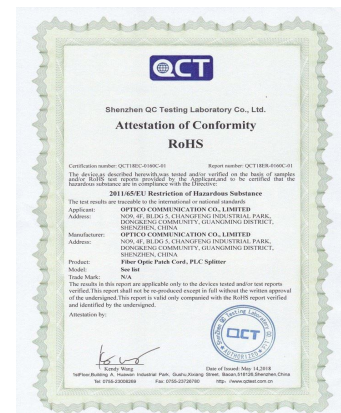
• Features

- High quality CCTC ceramic ferrules
- Good repeatability and stable data interchangeability
- CE/CPR/ISO/RoHS standards
- Flame-retardant and rugged jacket
- IL&RL/3D/end face 100% tested before delivery
- High and low temperature cycle test

• Certificates



Type Test Report	
Test Report No:	20244504 001
Order No.:	8339379
Client:	OPTICO COMMUNICATION CO., LIMITED No. 9, Block 8, Changping Industrial Park, Changping Community, Guangping District, 518102 Shenzhen, CHINA
Test Item:	Optical fiber cable assembly
Manufacturer and manufacturing plant:	OPTICO COMMUNICATION CO., LIMITED No. 9, Block 8, Changping Industrial Park, Changping Community, Guangping District, 518102 Shenzhen, CHINA
Identification:	CP-Subconnector cable 23 mm LC-FC/PC
Height No.:	10 mm 2.54(100)
Serial No.:	2024050401
Testing location:	10V Shenzhen InterQual 5th, Tianshi Spring Village, Shenzhen, 518102, Shenzhen, P.R. of CHINA (C-30000)
Test Specification:	EN 60320-2-2004 + A1:2015 EN 60320-2-2004 + A1:2015
Test Result:	This type test report performed by the green test specification contains the measuring data, records and comments according to the reference of the product type 2. System "1" or "2" in Annex V of regulation 2002/95/EC for pollution assessment of the electrical equipment in the operation of Classification: Ex.
Testing Laboratory:	10V Shenzhen InterQual 5th, Tianshi Spring Village, Shenzhen, 518102, Shenzhen, P.R. of CHINA (C-30000)
Checked by:	
Tested by:	YIMIN KALLOS
2019.03.23:	2019.03.23
Issue:	Issue
Signature:	Signature
Other Appoint:	
Harmonized standard:	EN 60729:2014 + A1:2015
Classification standard:	EN 12222:2015



• Technical Specification

Characteristics	Parameter
Connector Type	E2000 (LSH) to FC
Fiber Count	Simplex
Connector Ferrule	Zirconia Ceramic
Polish Type	SMF: UPC/APC MMF: UPC
Fiber Type	Single-mode: OS2 Multi-mode: OM1/OM2/OM3/OM4/OM5
Jacket Color	OS2: Yellow OM1/OM2: Orange; OM3/OM4: Aqua; OM5: Lime Green
Jacket Material	PVC/LSZH
Fiber Grade	SMF: G.657.A/G.652.D OM1: G.651; OM2/OM3/OM4/OM5: Bend Insensitive
Min. Bend Radius	SMF: 10mm/30mm MMF: 7.5mm/15mm
Cable Outside Diameter	Simplex: 0.9/2.0/3.0mm
Plug Testing	≥1000 times
Tensile Strength	0.9mm(9N); 2.0mm(70N); 3.0mm(75N)

Characteristics	Parameter
Insertion Loss (dB)	≤ 0.2
Return Loss (dB)	APC ≥ 65; UPC ≥ 55
Wavelength (nm)	Single-mode: 1310/1490/1550 Multi-mode: 850/1300
Attenuation @1310nm	0.36 dB/km
Attenuation @1550nm	0.22 dB/km
Repeatability (dB)	≤ 0.1
Vibration (dB)	≤ 0.2
Interchangeability (dB)	≤ 0.2
Operating & Storage Temperature (°C)	-40 ~ +85