

OPTICO E2000-SC SM DX Fiber 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.



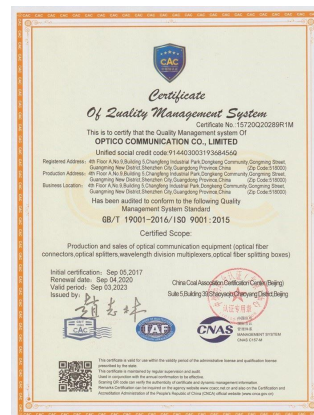
• Description

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



- Technical Specification

| Characteristics | Parameter |
|------------------------|---|
| Connector Type | E2000 (LSH) to SC |
| Fiber Count | Duplex |
| 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 | Duplex: 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) | ≥ 80 |
| 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 |