

OPTICAL PATCH CORD

Fiber optic patch cords are available with the following specification Contact us to if you need further information about SC FC single mode duplex patch cord

Ordering information:

Terminations: SC,FC,LC,ST,E-2000

Ferrule Interface type: PC, UPC, APC

Fiber cores: Simplex, duplex

Fiber type; Singlemode(G. 652, G655), multimode(50/125)/(62.5/125)

Fiber diameter(mm): Φ 0.9, ϕ 2.0, Φ 3.0

Fiber length; User-defined

Our low insertion loss fiber patch cord are widely used in communication networks and FTTx applications.SC FC single mode duplex patch cord features low insertion loss and high return loss.

ANANDA Telecom Pvt. Ltd.

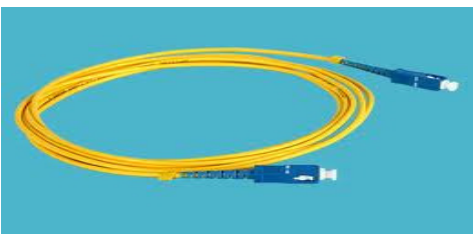




ISO 9001:2000 Certified Company

Registered office : E-36, Amar Colony, Lajpat Nagar-IV, New Delhi - 110024, INDIA

Phone : +91 11 41323629, +91 93 502 57173

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|--|--|
| <p>SC-SC</p> <ul style="list-style-type: none"> • Can be arranged in rows with no space between the adapters provides high density termination • Push-pull locking assures high tensile strength and ease of use |  |
| <p>FC-FC</p> <ul style="list-style-type: none"> • Stable and reliable contact due to thread locking • Often used with test equipment |  |
| <p>LC-LC</p> <p>Through use of a mini-ferrule, this connector is only half the size of an SC connector, providing even greater termination density</p> <ul style="list-style-type: none"> • Snap-action locking assures high tensile strength and ease of use • Duplex patch cords feature a snap-on clip making later re-positioning possible |  |
| <p>ST-ST</p> <ul style="list-style-type: none"> • Bayonet locking mechanism makes it quick and easy to use |  |
| <p>E2000</p> <ul style="list-style-type: none"> • Can be arranged in rows with no space between the adapters to provide high density termination • Push-pull locking assures high tensile strength and ease of use • Integrated laser and dust protection |  |

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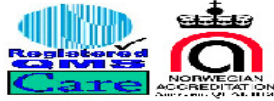
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Singlemode Patch Cords and Pigtails

Connector Specifications

Optical Performance of Singlemode Patch Cords

Optical Performance of Singlemode Patch Cords

| | | SC | LC | LX.5™ | E2000 | ST | FC |
|----------------|------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Insertion loss | against master ¹⁾ | < 0.25 dB typ. 0.10 dB | < 0.25 dB typ. 0.10 dB | < 0.25 dB typ. 0.10 dB | < 0.25 dB typ. 0.10 dB | < 0.3 dB typ. 0.10 dB | < 0.25 dB typ. 0.10 dB |
| | each-to-each ²⁾ | < 0.45 dB typ. 0.15 dB | < 0.45 dB typ. 0.15 dB | < 0.45 dB typ. 0.15 dB | < 0.45 dB typ. 0.15 dB | < 0.45 dB typ. 0.15 dB | < 0.45 dB typ. 0.15 dB |
| Return loss | UPC polishing | > 55 dB | > 55 dB | > 55 dB | > 55 dB | > 55 dB | > 55 dB |
| | APC polishing | > 65 dB | > 65 dB | > 65 dB | > 65 dB | – | > 65 dB |

Mechanical Performance/Feature

| | | SC | LC | LX.5™ | E2000 | ST | FC |
|-----------------------------|--------------------------------|---------------|---------------|---------------|---------------|------------------|-------------------------|
| Standard | IEC | 61754-4 | 61754-20 | 61754-23 | 61754-15 | 61754-2 | 61754-13 |
| | TIA/EIA | 604-3 | 604-10-A | 604-13 | 604-16 | 604-2 | 604-4-A |
| Ceramic ferrule | diameter | 2.5 mm | 1.25 mm | 1.25 mm | 2.5 mm | 2.5 mm | 2.5 mm |
| Colour (housing/ boot) | UPC polishing APC polishing | blue green | blue green | blue green | blue green | black boot -- | blue boot green boot |
| Strain relief ³⁾ | | 100 N | 100 N | 100 N | 100 N | 100 N | 100 N |
| Service life | | 1000 cycles | 1000 cycles | 1000 cycles | 1000 cycles | 1000 cycles | 1000 cycles |

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