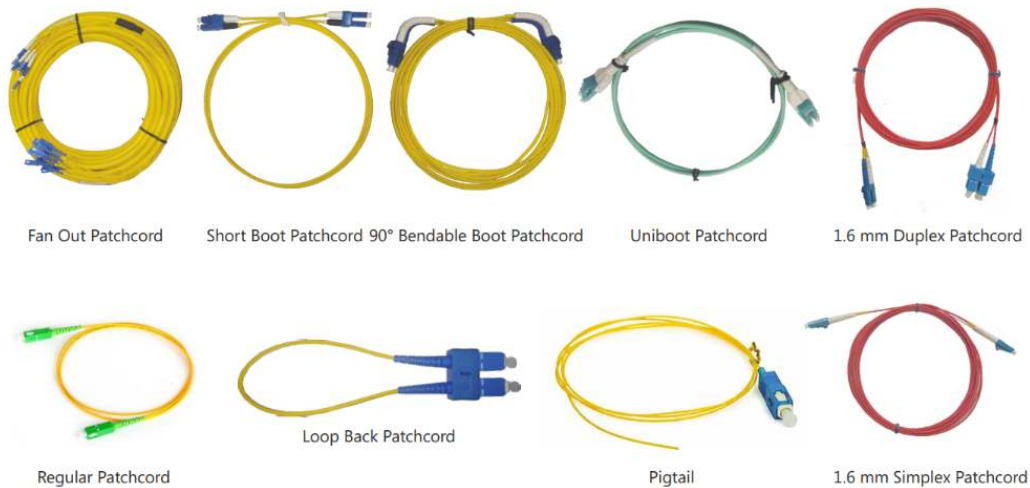


General Description

PDR Fiber Optic Patch Cords and Pigtails provide the broadest choice of factory-terminated fiber optic assemblies for singlemode and multimode networks, built and tested to IEC, EIA/TIA, and GR-326-CORE standards. Available with FC, DIN, LC, MU, MTRJ, SC, ST, MPO, D4, Biconic, SMA, and E-2000 connectors in simplex, duplex, and fanout (up to 24F) configurations, the cords are supplied in 0.9 mm, 2.0 mm, and 3.0 mm cable diameters. Singlemode fibers include OS2, G.657A1, and G.657A2; multimode options cover OM1 through OM4. Boot styles include standard, short, 90° bendable, and uniboot, with colour-coding available for duplex cords on request. All assemblies are RoHS and CACT compliant, 100% tested, and offered with optional test data sheets per order.



Key Features

- Widest connector selection: FC, DIN, LC, MU, MTRJ, SC, ST, MPO, D4, Biconic, SMA, E-2000
- Singlemode fibers: OS2, G.657A1, G.657A2 — multimode fibers: OM1, OM2, OM3, OM4
- Simplex, duplex, and fanout (up to 24F) configurations; 0.9 mm, 2.0 mm, and 3.0 mm cable diameters
- Low insertion loss ≤ 0.3 dB (PC) for both SM and MM; high return loss ≥ 50 dB UPC, ≥ 60 dB APC
- Exchangeability and repeatability both ≤ 0.2 dB for consistent mating performance
- Boot styles: standard, short boot, 90° bendable boot, and uniboot for high-density applications
- Colour-coding of duplex patch cords available on request for easier identification
- Compliant with IEC, EIA/TIA, GR-326-CORE, CACT approval, and fully RoHS compliant
- Test data sheet available per order upon customer request for traceability
- Operating temperature -20°C to $+75^{\circ}\text{C}$; storage -40°C to $+85^{\circ}\text{C}$

PDR VIDEOTRONICS (INDIA) PRIVATE LIMITED

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Technical Specifications

Parameter	Singlemode / Multimode
Cable Diameter	0.9 mm 2.0 mm 3.0 mm (or custom)
Cable Configuration	Simplex Duplex Fanout (up to 24F)
SM Fiber Type	OS2 G.657A1 G.657A2
MM Fiber Type	OM1 OM2 OM3 OM4
Connector Types	FC LC SC ST MPO MU MTRJ DIN D4 Biconic SMA E-2000
Polish	UPC APC PC
SM Insertion Loss (PC)	≤0.3 dB
SM Return Loss — UPC	≥50 dB
SM Return Loss — APC	≥60 dB
MM Insertion Loss (PC)	≤0.3 dB
MM Return Loss (PC)	≥35 dB
Exchangeability	≤0.2 dB
Repeatability	≤0.2 dB
Operating Temperature	−20°C to +75°C
Storage Temperature	−40°C to +85°C
Compliance	IEC EIA/TIA GR-326-CORE CACT RoHS

* All values measured at room temperature. Test data sheet with individual insertion loss and return loss values available per order on request.

Applications

- Data centre structured cabling and patch panel interconnections in high-density SM and MM environments
- Telecommunications central office and outside plant cross-connects requiring low-loss, reliable patch cords
- Enterprise and campus LAN backbone and horizontal cabling with SM (OS2/G.657) or MM (OM3/OM4) fiber
- FTTx access network distribution point and subscriber premises connections with bend-insensitive G.657A fiber
- Broadcast, industrial Ethernet, and process control links requiring a wide range of connector interfaces
- Test and measurement setups requiring certified, traceable patch cord assemblies with individual test reports

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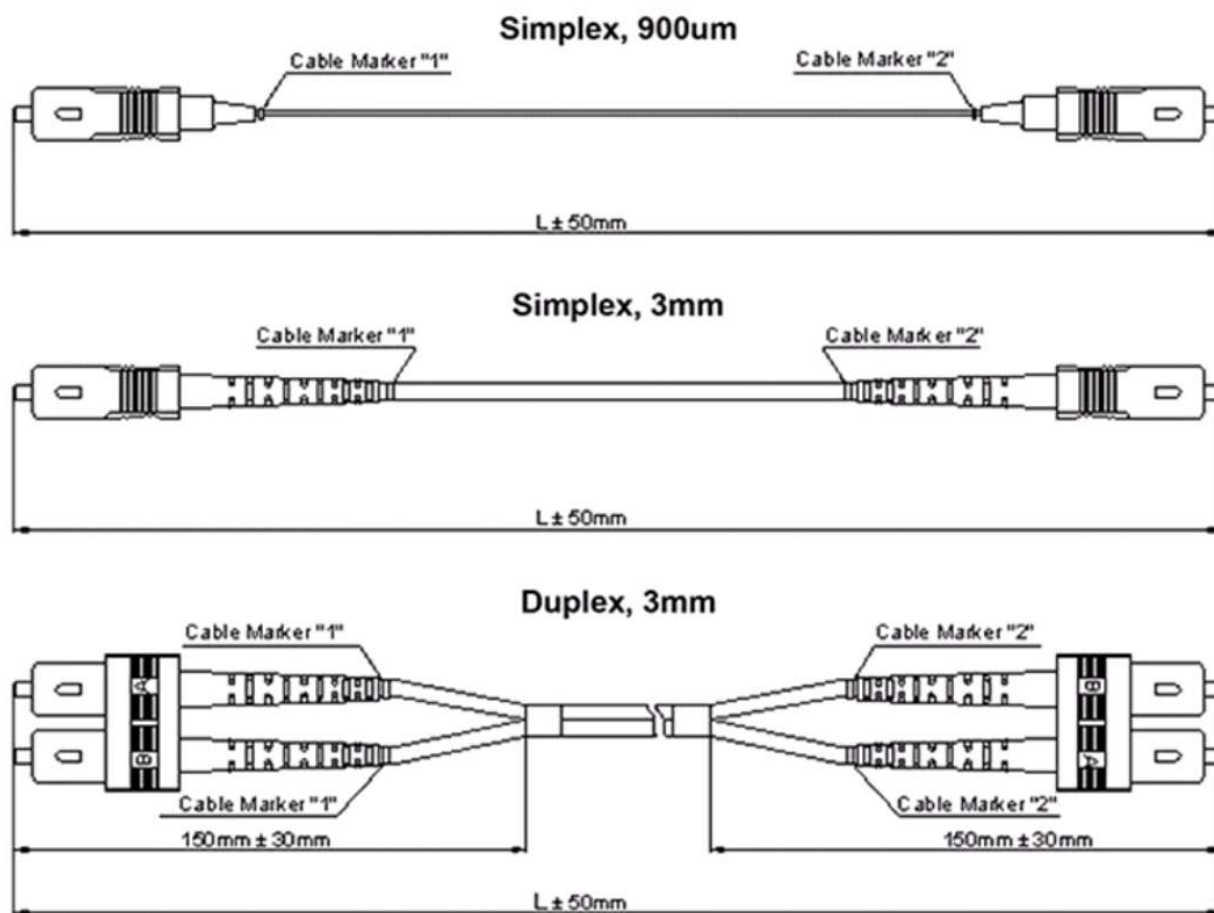
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Technical Drawing



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Ordering Information

Configuration Options

Configuration	Options
Fiber Mode	Singlemode: OS2, G.657A1, G.657A2 Multimode: OM1, OM2, OM3, OM4
Connector	FC LC SC ST MPO MU MTRJ DIN SMA E-2000 D4 Biconic Other
Polish	UPC APC PC
Cable Type	Simplex Duplex Fanout (up to 24F) Pigtail (single-end terminated)
Cable Diameter	0.9 mm 2.0 mm 3.0 mm Custom
Boot Style	Standard Short 90 Bendable Uniboot
Length	Standard or custom; colour-coding available for duplex on request

Order Code Example:

PC-SM-OS2-LC/APC-SC/APC-DX-3MM-2M

(SM OS2, LC/APC to SC/APC, Duplex, 3 mm, 2 m)

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