

FIBRE PATCH CORD

They comprise two tight buffer fibres housed within an Individual outer jacket in OM1, OM2, OM3, OM4, OS1, OS2 multi-mode and single mode variants. Both ends are terminated with a high performance hybrid or single type connector comprising of a SC, ST, FC, LC, MTRJ, E2000 connector in simplex and duplex. These are typically not ruggedized, depending on the application and a spring loaded electrical contact housed within LSHF plastic shell possible, making them suitable for internal use.



COMPLIANCE

Telcordia (formerly Bellcore) GR-326-CORE Generic requirements for Single mode optical connectors and Jumper assemblies.

IEC 874-1 Generic specification for fibre optic connectors and cables

ANSI/TIA/EIA 568.3-D, ISO/IEC 11801 2nd Ed., CENELEC EN 50173, UL94V-0

Cable flame resistant rate: OFNR or IEC60332-3 standard

KEY FEATURES

ST, SC, FC, LC, MT-RJ, E2000 connectors

Duplex and Simplex versions uniform and hybrid cord versions

Position A/Position B markings

100% factory transmission tested per ANSI/TIA/EIA 568.3-D

Slim-profile boots with durable flexible cable strain relief

Available in 0.9mm, 1.6mm, 2.0mm , 3.0mm sizes

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Range of Mode	Single or Multimode
Cable Type	Simplex or Duplex Zipcord
Connector Style	SC, FC, ST, LC, MTRJ, E2000
Polish or Ferrule Interface Type	PC, UPC, APC
Cable Diameter	0.9mm, 1.6mm, 2.0mm, 3.0mm
Lengths	Standard & Custom Lengths
Strength Member	Aramid Yarn
Outer Jacket	PVC or LSZH
Cable Assembly Length (<15 meter Tolerance)	-0/+100mm
Cable Assembly Length (>15 meter Tolerance)	-0/+10%
Jacket Colour (Multimode: OM1 & OM2)	Orange
Jacket Colour (Multimode: OM3 / OM4)	Aqua/Violet
Jacket Colour (Single Mode: OS1 & OS2)	Yellow
Durability	500 cycles(0.2 dB max increase), 1000mate/demate cycles
Operating Temp.	-20 °C to +70°C/+85°C (armoured)
Storage Temp.	-40 °C to +85°C
Ferrule Concentricity	< 1µm, Other Ferrule Concentricity < 1µm
Humidity (FOTP-5)	90-95% at 40°C
Strength of Coupling Mechanism (FOTP-185)	33 N at 0° for 5 sec
Cable Retention (FOTP-6)	50 N at 0° for 5 sec.
Twist (FOTP-36)	15 N at 0° 5 turns, 10 cycles
Flex (FOTP-1)	0.5 Kg at 25 cm, +90° to -90°, 100 cycles

FIBRE PATCH CORD

FC – FC FIBRE PATCH CORD

FC-FC Singlemode Patch Cord	OS1 (9/125)	OS2 (9/125)
FC/PC-FC/PC 1m Duplex PVC	332-140S1F1F1001	332-140S2F1F1001
FC/PC-FC/PC 2m Duplex PVC	332-140S1F1F1002	332-140S2F1F1002
FC/PC-FC/PC 3m Duplex PVC	332-140S1F1F1003	332-140S2F1F1003
FC/PC-FC/PC 5m Duplex PVC	332-140S1F1F1005	332-140S2F1F1005
FC/PC-FC/PC 10m Duplex PVC	332-140S1F1F1010	332-140S2F1F1010
FC/PC-FC/PC 1m Duplex LSZH	332-240S1F1F1001	332-240S2F1F1001
FC/PC-FC/PC 2m Duplex LSZH	332-240S1F1F1002	332-240S2F1F1002
FC/PC-FC/PC 3m Duplex LSZH	332-240S1F1F1003	332-240S2F1F1003
FC/PC-FC/PC 5m Duplex LSZH	332-240S1F1F1005	332-240S2F1F1005
FC/PC-FC/PC 10m Duplex LSZH	332-240S1F1F1010	332-240S2F1F1010

FC-FC Multimode Patch Cord	OM1 (62.5/125)	OM2 (50/125)	OM3 (50/125)	OM4 (50/125)
FC/PC-FC/PC 1m Duplex PVC	332-140M1F1F1001	332-140M2F1F1001	332-140M3F1F1001	332-140M4F1F1001
FC/PC-FC/PC 2m Duplex PVC	332-140M1F1F1002	332-140M2F1F1002	332-140M3F1F1002	332-140M4F1F1002
FC/PC-FC/PC 3m Duplex PVC	332-140M1F1F1003	332-140M2F1F1003	332-140M3F1F1003	332-140M4F1F1003
FC/PC-FC/PC 5m Duplex PVC	332-140M1F1F1005	332-140M2F1F1005	332-140M3F1F1005	332-140M4F1F1005
FC/PC-FC/PC 10m Duplex PVC	332-140M1F1F1010	332-140M2F1F1010	332-140M3F1F1010	332-140M4F1F1010
FC/PC-FC/PC 1m Duplex LSZH	332-240M1F1F1001	332-240M2F1F1001	332-240M3F1F1001	332-240M4F1F1001
FC/PC-FC/PC 2m Duplex LSZH	332-240M1F1F1002	332-240M2F1F1002	332-240M3F1F1002	332-240M4F1F1002
FC/PC-FC/PC 3m Duplex LSZH	332-240M1F1F1003	332-240M2F1F1003	332-240M3F1F1003	332-240M4F1F1003
FC/PC-FC/PC 5m Duplex LSZH	332-240M1F1F1005	332-240M2F1F1005	332-240M3F1F1005	332-240M4F1F1005
FC/PC-FC/PC 10m Duplex LSZH	332-240M1F1F1010	332-240M2F1F1010	332-240M3F1F1010	332-240M4F1F1010

ORDERING GUIDE

Patch Cord	Outer Jacket	Cable Dia.	Fibre Type	Connector	Polish	Connector	Polish	Length
331: Simplex 332: Duplex	1: PVC 2: LSZH 3: PE 3: Arm./PVC 4: Arm./LSZH	1:0.9mm 2:1.6mm 3:2.0mm 4:3.0mm	OM1 OM2 OM3 OM4 OM5 OS1 OS2 : G652.D/G657.A1 7A1 = G657.A1 7A2 = G657.A2 7B2 = G657.B2 7B3 = G657.B3 500 = G655	S: SC T: ST F: FC L: LC M: MTRJ E: E2000	1: PC 2: UPC 3: APC 4: APC 8°	S: SC T: ST F: FC L: LC M: MTRJ E: E2000	1: PC 2: UPC 3: APC 4: APC 8°	1m: 001 2m: 002 3m: 003 5m: 005 10m: 010