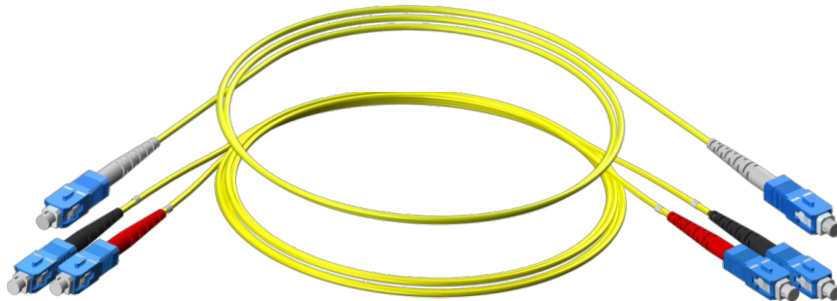
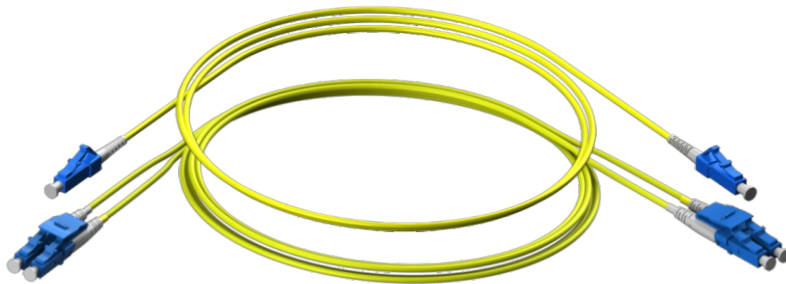


F/O Armored Patch Cords

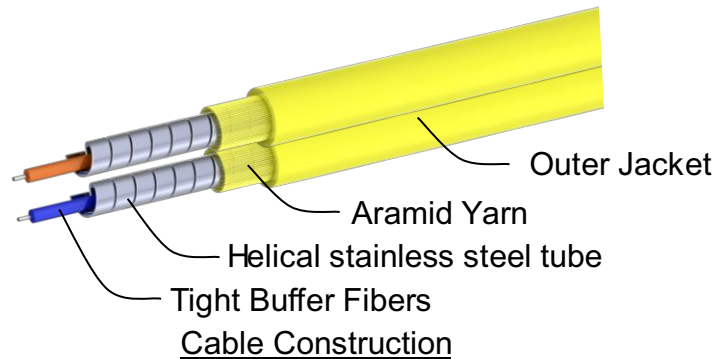
Description



SC Simplex/Duplex Armored patch cords



LC Simplex/Duplex Armored patch cords



Genius Armored patchcords are used in customer premises, central offices and in harsh environments. The patch cords provide flexible interconnection to active equipment, passive optical devices, cross-connects and Fiber to the desk (FTTD).

Armored patch cords are constructed with a helical stainless-steel tube over a buffered fiber surrounded by a layer of aramid with an outer jacket

F/O Armored Patch Cords

Features

- Complied Standards:
 - TIA/EIA-604 -10 (FOCIS 10)
 - TIA/EIA-604 -3 (FOCIS) 3
 - TIA/EIA 568-C.3
 - Comply with IEC 61754 series
 - Telcordia GR-326-CORE Issue 4 standards.
 - Fire resistance comply with low smoking (IEC 61304)
 - Halogen free (IEC 60754 -1)
 - Flame retardant (IEC 60332 -3C)
 - RoHS Compliant

Specifications

Fiber Count	Duplex 2 Fibers
Outer Cable Jacket Diameter:	Duplex Zip Cord $\varnothing 2.0 \pm 0.5$ mm x2
Outer Jacket Material Rating:	LSZH (Low Smoke Zero Halogen)
Jacket color	OM3 & OM4: Aqua, OM5: Lemon-Green, OS2: Yellow
Ferrule	Zirconia Ceramic Ferrule and Plastic body for PC connector
Strength Elements+ Armor	Aramid Yarns+ Helical stainless steel tube
Multimode OM3/OM4/OM5 Fibers	50/125 μ m, Buffer 600 μ m (Band Insensitive)
Singlemode OS2 Fibers	9/125 μ m, ITU-T G657 A2/ 652D, Buffer 600 μ m
Multimode OM3/OM4 Fibers Attenuation	850 : ≤ 3.0 dB/km, 1300: ≤ 1.0 dB/km
Singlemode OS1/OS2 Fibers Attenuation	1310 : ≤ 0.36 dB/km, 1550: ≤ 0.22 dB/km
Multimode Connector Return Loss	≤ -26 dB max
Singlemode Connector Return Loss	≤ -55 dB (UPC), ≤ -65 dB (APC)
Multimode Patch Cord Insertion Loss	Typical: ≤ 0.2 dB, Max: ≤ 0.3 dB
Singlemode Patch Cord Insertion Loss	Typical: ≤ 0.2 dB, Max: ≤ 0.3 dB
Multimode OM3 OFL Bandwidth	≥ 1500 MHz.km @850nm, ≥ 500 MHz.km @1300nm
Multimode OM3 EMB Bandwidth	≥ 2000 MHz.km @850nm
Multimode OM4 OFL Bandwidth	≥ 3500 MHz.km @850nm, ≥ 500 MHz.km @1300nm
Multimode OM4 EMB Bandwidth	≥ 4700 MHz.km @850nm
LC/SC Connector Plastic Materials	High Grade Technical Plastic Resin UL94-V0
Storage and Shipping Temperature	-20°C to 80°C
Operating Temperature	-10°C to 70°C
Tensile Strength- Short Term	70 N max
Tensile Strength- Long Term	48 N max
Crush	10 N/Cm
Connector durability	500 cycles
Packaging	Polyethylene Bag
Bend Radius	10D Static , 20D Dynamic



F/O Armored Patch Cords

Ordering Information

Part Number	Description
GFS2PDLCDZ01	Genius Fiber Optic Armored patch cord Single Mode LC-LC LSZH PC 1 mtr
GFS2PDLCDZ02	Genius Fiber Optic Armored patch cord Single Mode LC-LC LSZH PC 2 mtr
GFS2PDLCDZ03	Genius Fiber Optic Armored patch cord Single Mode LC-LC LSZH PC 3 mtr
GFS2PDLSCZ01	Genius Fiber Optic Armored patch cord Single Mode LC-SC LSZH PC 1 mtr
GFS2PDLSCZ02	Genius Fiber Optic Armored patch cord Single Mode LC-SC LSZH PC 2 mtr
GFS2PDLSCZ03	Genius Fiber Optic Armored patch cord Single Mode LC-SC LSZH PC 3 mtr
GFS2PDSCZ01	Genius Fiber Optic Armored patch cord Single Mode SC-SC LSZH PC 1 mtr
GFS2PDSCZ02	Genius Fiber Optic Armored patch cord Single Mode SC-SC LSZH PC 2 mtr
GFS2PDSCZ03	Genius Fiber Optic Armored patch cord Single Mode SC-SC LSZH PC 3 mtr
GFM4PDLCDZ01	Genius Fiber Optic Armored patch cord OM4 LC-LC LSZH PC 1 mtr
GFM4PDLCDZ02	Genius Fiber Optic Armored patch cord OM4 LC-LC LSZH PC 2 mtr
GFM4PDLCDZ03	Genius Fiber Optic Armored patch cord OM4 LC-LC LSZH PC 3 mtr
GFM4PDLSCZ01	Genius Fiber Optic Armored patch cord OM4 LC-SC LSZH PC 1 mtr
GFM4PDLSCZ02	Genius Fiber Optic Armored patch cord OM4 LC-SC LSZH PC 2 mtr
GFM4PDLSCZ03	Genius Fiber Optic Armored patch cord OM4 LC-SC LSZH PC 3 mtr
GFM4PDSCZ01	Genius Fiber Optic Armored patch cord OM4 SC-SC LSZH PC 1 mtr
GFM4PDSCZ02	Genius Fiber Optic Armored patch cord OM4 SC-SC LSZH PC 2 mtr
GFM4PDSCZ03	Genius Fiber Optic Armored patch cord OM4 SC-SC LSZH PC 3 mtr

Note—Last two digit represent length of Patch cord.

