

Amphenol Broadband Solutions manufactures high quality, cost effective Fiber Optic Patch Cords available in many formats to suit your need:

- Local Area Networks
- Telephone Networks
- CATV, Video & Multimedia Applications
- Premises Networks
- Active Device / Transceiver Interface
- Optical Switch Interframe Connections

All Fiber Optic Patch Cords are individually bagged and include test results of the insertion and return loss.



Fiber Cable Assemblies

Features:

- Simplex or Duplex assemblies
 - Custom lengths and colors
 - 0.9/1.6/2.0/3.0mm cord diameter
 - UPC and APC polish types
 - Termination types available include FC, SC, ST, LC, and MU
 - May be ordered as a Pigtail (connector on one end)
 - * Standard Jacket colors are :
 - ◊ SM = Yellow
 - ◊ MM = Orange
 - ◊ MM 10 Gig = Aqua
 - ◊ Bend Insensitive=Blue
- (*) Minimum order quantity may apply for certain custom colors or non-standard jacket diameters (e.g. 1.0mm).
- All Standard Fiber Patch Cords from Amphenol Broadband Solutions use Corning® Glass and are RoHS Compliant. All fiber assemblies are made using UL Listed OFNR or OFNP cable. All FC, SC, ST, LC and MU connector types utilize ceramic ferrules.
 - Fiber jumpers and pigtails are designed to meet performance requirements of GR-326.

	Return Loss	Insertion Loss
SM UPC	-57dB typical -55dB maximum	0.15dB typical 0.20dB maximum
SM APC	-66dB typical -65dB maximum	0.15dB typical 0.20dB maximum
MM	-26dB typical -25dB maximum	0.20dB typical 0.30dB maximum

Configuration Generator:

ASBJ - A B C D E* F* G* H* I J

A. Fiber Type

A = SM 8.5/125
 B = MM 50/125 OM2
 C = MM 62.5/125 OM1
 D = MM 50/125 OM3
 E = Bend Insensitive SM G.657.A1
 F = Bend Insensitive MM OM2
 G = Bend Insensitive SM G.657.A2
 J = Bend Insensitive MM OM4
 K = Bend Insensitive MM OM3

B. Fiber Count

S = Simplex
 2 = Duplex

C. Cable Type

R = Riser
 P = Plenum

D. Cord Diameter

1 = 1.6MM
 2 = 2.0MM
 3 = 3.0MM
 9 = 900uM

E. Jacket Color

**See Note 1 Below*
 S = Standard
 R = Red

F. Connector 1

**See Note 2 Below*
 1 = LC
 2 = SC
 3 = ST
 4 = FC
 6 = LC/APC
 7 = SC/APC
 9 = FC/APC
 J = MU

G. Connector 2

**See Note 2 Below*
 1 = LC
 2 = SC
 3 = ST
 4 = FC
 6 = LC/APC
 7 = SC/APC
 9 = FC/APC
 J = MU
 X = None

H. Cable Length

**See Note 3 Below*
 V25 = 0.25
 0V5 = 0.50
 V75 = 0.75
 001 = 1.0
 1V5 = 1.5
 2V5 = 2.5
 3V5 = 3.5
 4V5 = 4.5
 5V5 = 5.5
 6V5 = 6.5
 7V5 = 7.5
 8V5 = 8.5
 9V5 = 9.5
 0XX = 010 through 099 may be used
 XXX = 100 through 999 may be used

I. Unit of Measure (Length)

F = Feet
 M = Meter

J. Used for custom additions

Note 1: Standard Jacket colors:

- SM = Yellow
- MM = Orange
- MM 10 Gig = Aqua
- SM Bend Insensitive = Blue

* Minimum order quantity may apply for certain colors.

Note 2: When choosing Connector Types for section F & G, be sure to choose the number which is higher on the list for section F, with section G being the connector type that is lower on the list of choices. For example, a cable with an LC to an FC connector would be designated with a "1" in the F position and a "4" in the G position; rather than "4" and then "1."

This helps locate the required cable in our stocking system.

Note 3: Cable lengths from 10 to 999 may be entered by using the appropriate digits in three digit format (e.g. 010 equals a length of 10, while 999 equals a length of 999).