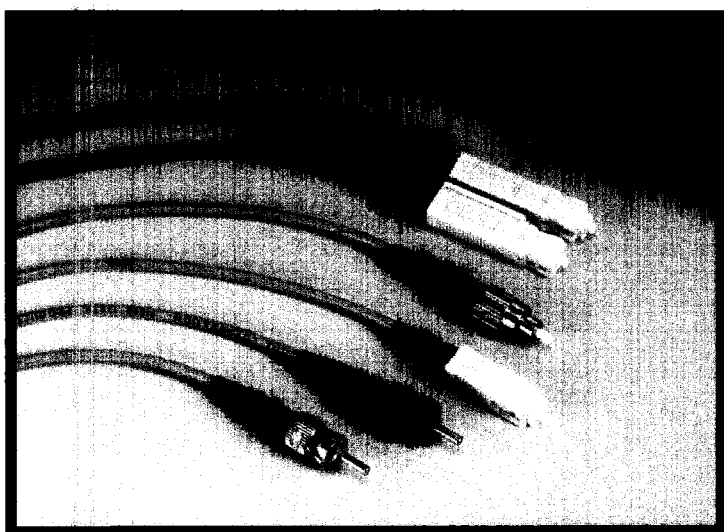


Amphenol®

Multimode Cable Assemblies



Specifications

Operating Temperature: -40°C to +85°C (all connectors)

Ferrule Diameter: 2.5 mm

Durability: < 0.1 dB change after 1000 matings

Connector/Fiber Size	Connector Loss (dB)	
	Typical	Max
FC (62.5/125)	.15	.50
ST (50/125)	.14	.50
(62.5/125)	.13	.50
(100/140)	.10	.50
SC (62.5/125)	.15	.50

Cable Construction Options:

- 3.0 mm jacketed 900 µm tight buffered fiber with kevlar strength members
- 900 µm jacketed 250 µm fiber with kevlar strength members
- 900 µm tight buffered fiber

Amphenol 943 multimode patch cords and pigtails offer the convenience of multimode cable terminated with the proven low-loss Amphenol connectors. These cable assemblies feature reliable, high performance, optically tested terminations in many standard lengths.

Intermateability

Amphenol 954 series SC and 944 series FC connectors are mechanically and optically intermateable with the NTT and JIS standards. Amphenol's 953 series ST® connectors are mechanically and optically intermateable with AT&T ST connectors.

Products

Patch Cord (jumper) - Amphenol multimode connectors terminated on each end of the cable.

Pigtail - Amphenol multimode connector terminated on one end of the cable.

Applications

- ◆ DataCom including data links and LANs
- ◆ Sensors
- ◆ Process control
- ◆ Military
- ◆ Active device
- ◆ Premise distribution

Features

- Exceeds international standards for optical performance and repeatability
- 100% optically tested for connection loss and individually packaged
- Optional right angle boots improve reliability by providing maximum protection against violating the minimum bend radius of the cable

Order Information

943	X	X	X	X X	X	X X X X
-----	---	---	---	-----	---	---------

Cable Type

3 = 3 mm Jacketed
5 = 900 μm Jacketed
9 = 900 μm Tight Buffered

Assembly Type

0 = Pigtail
1 = Patch Cord (jumper)
2 = Duplex Patch Cord (jumper)
3 = Duplex Connector Pigtail (SC only)
4 = Duplex Connector Jumper (SC only)

Fiber Size

1 = 50/125
2 = 62.5/125
4 = 100/140

Side A

Side B

Connector Types

2 = FC
5 = ST
6 = SC

Boot Type

1 = Standard
2 = Right Angle, Side A
3 = Right Angle, Side B
4 = Right Angle, Side A & B

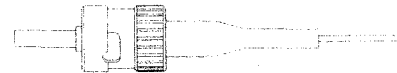
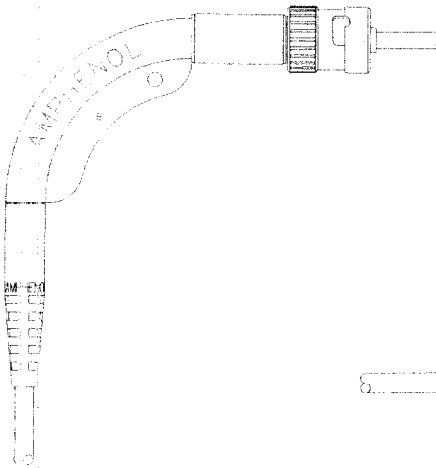
Cable Length in Meters
(e.g. 0001 = 1 m)

Note (for connector types): If assembly type = 0 (pigtail), connector "type" digits are identical i.e. 66 = SC pigtail.

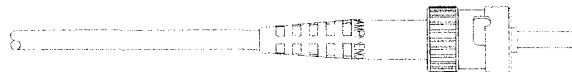
If assembly type = 1 (jumper), use combinations of the above types for each end of the jumper. Always use the lower number in the first (A) position i.e. 11 = biconic to biconic; 26 = FC to Super ST.

Right Angle Boot

900 μm Pigtail



3 mm Pigtail



Amphenol Fiber Optic Products

1925 A Chio Street
Lisle, Illinois 60532
Tel: (630) 810-5800 or 1-800-944-6446
Fax: (630) 810-5640

International Offices

Australia (61 8) 341 0665
Austria (43 1) 985 1511
Belgium (32) 2 377 25 49
Canada (416) 291 4401
England (44 1227) 773 200

France (33) 1 490 053000
Germany (49) 7131 9290
Hong Kong (852 2) 699 2663
India (91 212) 790 363
Italy (39 2) 939 04192

Japan (81 3) 3263 5611
Netherlands (31) 30 63 58019
Singapore (65) 743 3022
Sweden (46) 859 077100
Taiwan (886 3) 379 5677

Notice: Specifications are subject to change without notice. Contact your nearest Amphenol sales office for the latest specification. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility of any kind, express or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated or that other measures may not be required. Amphenol is a registered trademark.

©1997 Amphenol Corp. 97-943MMCA Issue 3 11/97 Printed in U.S.A.



Amphenol®
Fiber Optic Products

Illuminating the world of fiber optics