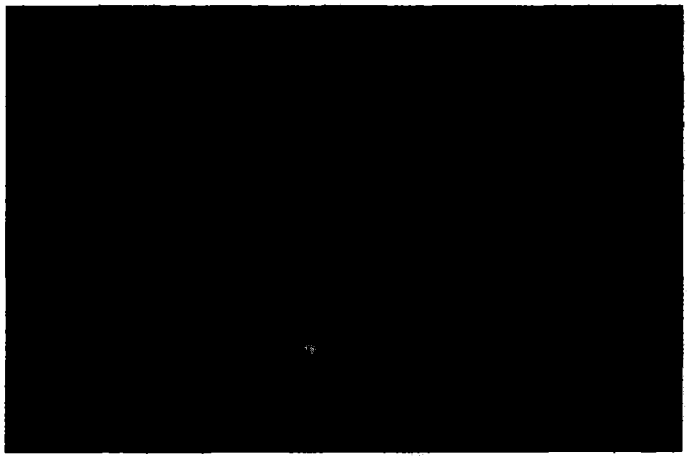
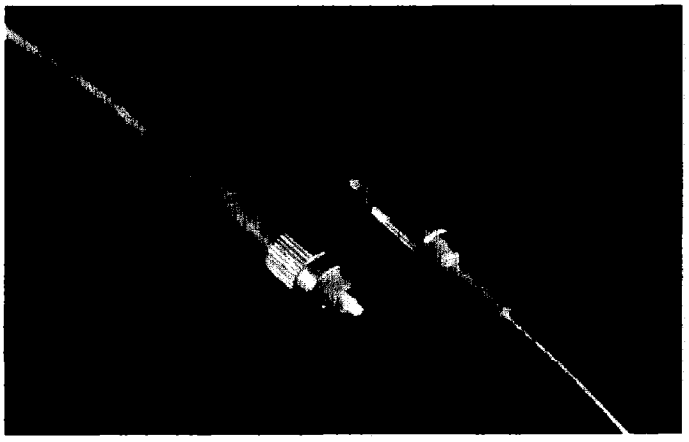
# Fiber Optic Cable Assemblies
# Factory Terminated and Tested





Methode manufactures cable assemblies utilizing Methode industry standards compliant ST®, SC, FC, ESCON®, FDDI, Duplex SC (Fibre Channel) and Biconic Connectors.

Methode offers a broad range of connector, cable and singlemode performance options to meet any application. All assemblies are 100% optically tested, uniquely identified and lot traceable.

## Features

- Industry standards compliant connectors including: ST®, SC, FC, ESCON®, FDDI, Duplex SC (Fibre Channel) and Biconic
- Simplex, Duplex and high fiber count patchcords and pigtails
- Single mode super, ultra and APC machine polishes
- Standard, custom lengths and cable types
- Each assembly is 100% optically tested, and uniquely identified
- Bar Code labeling available

## Optical Performance:

**Multimode:**

Insertion Loss: <0.4dB max, <0.2dB typical

**Single Mode:**

| | Machine Polish Type | | |
|---|---|---|---|
| | "Super" | "Ultra" | "Angle" |
| **Insertion Loss (dB)** | **PC** | **PC** | **APC** |
| Maximum | < 0.3 | < 0.25 | < 0.4 |
| Typical | < 0.15 | < 0.1 | < 0.2 |
| **Return Loss Max. (dB)** | < -45 | < -55 | < -65 |

*ST® is a registered trademark of AT&T.*
*ESCON® is a registered trademark of IBM.*

***ISO 9001 Certified***



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# Fiber Optic Standard Cable Assembly Part Number Matrix

**OE - A (B) C - D E F - H I J**

**CONNECTOR STYLE**
A = BICONIC, SINGLE MODE
B = BICONIC, MULTIMODE
C = SC, CERAMIC FERRULE
D = SC, POLYMER FERRULE
E = ESCON®, CERAMIC FERRULE
G = ST®, CERAMIC, SINGLE MODE
H = ST®, CERAMIC, MULTIMODE
R = ST® MULTIMODE, POLYMER FERRULE
K = FC, CERAMIC FERRULE
L = FC, MULTIMODE, POLYMER FERRULE
T = FDDI, CERAMIC FERRULE
U = FDDI, MULTIMODE, POLYMER FERRULE
P = FCS MULTIMODE*

**FCS = FIBER CHANNEL STANDARD DUPLEX SC*

**SPECIFY ONLY FOR HYBRID**
EXAMPLE:
ST® TO SC SIMPLEX JUMPER, ASSEMBLY ON SINGLEMODE 3MM CORD, 4 METERS IN LENGTH, "ULTRA PC POLISH GC2-U04-4M, SAME AS ABOVE EXCEPT ST® TO ST®: G2-U04-4M

**PRODUCT**
1 = PIGTAIL
2 = JUMPER
4 = DUPLEX JUMPER
5 = LOOPBACK (WRAP PLUG)

**TERMINATION POLISH TYPE**
0 = MULTIMODE STANDARD (SUPER" PC)
S = SM "SUPER" PC, -45 dB MAX
U = SM "ULTRA" PC, -55 dB MAX
A = SM "ANGLE" PC, 8°, -65dB MAX
B = SM "ANGLE" PC, 9°, -65 dB MAX

***Certain 3, 6 and 10 meter jumpers are carried in stock!***

**LENGTH**
*(ROUNDED UP TO NEAREST FOOT OR METER TAKEN FROM CONNECTOR TIP TO TIP)*
M = METERS
F = FEET

EXAMPLE:
10 METERS = 10M
100 METERS = 100M
3 FEET = 3F

**CABLE TYPE:**

**SIMPLEX 900 MICRON BUFFER COATED**
CORE/CLAD DIAMETER
01 = 9/125 MICRON SM, CORNING SMF28®
02 = 50/125 MICRON MM
03 = 62.5/125 MICRON MM

**SIMPLEX CABLE 3.0 MM CORD**
FIBER, JACKET COLOR, JACKET RATING
04 = 9/125 SM, YELLOW OFNR (RISER)
05 = 50/125 MM, ORANGE, OFNR (RISER)
06 = 62.5/125 MM, ORANGE, OFNR (RISER)
09 = 62.5/125 MM, ORANGE, OFNP (PLENUM)
14 = 100/140, MM, ORANGE, OFN (GENERAL)

**DUPLEX ROUND CABLES**
(ESCON® SPEC CONSTRUCTION)
18 = 62.5/125 MM, ORANGE, OFNP (PLENUM)
19 = 62.5/125 MM, ORANGE, OFNR (RISER)
24 = 9/125 SM, YELLOW, OFNR (RISER)
25 = 9/125 SM, YELLOW, OFNP (PLENUM)

**DUPLEX ZIP CORD CABLES**
53 = 9/125 SM, YELLOW, OFNR (RISER)
51 = 50/125 MM, ORANGE, OFNP(PLENUM)
50 = 50/125 MM, ORANGE, OFNR (RISER)
45 = 62.5/125 MM, ORANGE, OFNR (RISER)
44 = 62.5/125 MM, ORANGE, OFNP (PLENUM)

(SM = SINGLE MODE, MM = MULTIMODE)

** ALL 62.5/125 MICRON FIBER IS FDDI SPECIFICATION GRADE*

*PLEASE CONTACT METHODE FIBER OPTICS FOR ASSISTANCE IN IDENTIFYING PART NUMBERS OF CABLE ASSEMBLIES NOT NOTED ABOVE.*



***ISO 9001 Certified***