



## Optical Fiber Patch-Cords

GATS Telecom offers worldwide complete line of fiber path cords. Standard fiber assemblies are the optimal off-the-shelf solution for you most sensitive projects. Standard lengths are 5, 10 and 20 meters and test results are guaranteed. Connector's styles include:

### Single-Mode and Multi-Mode Jumper Patch cord (Simplex & Duplex Cable 900 μm to 3.00 mm)

FC/FC, SC/SC, LC/LC, ST/ST, E-2000/E-2000, MU/MU, FCAPC/FCAPC, SCAPC/SCAPC, LCAPC/LCAPC, E-2000APC/E-2000APC

### Single-Mode and Multi-Mode Hybrid Jumper Patch Cord (Simplex & Duplex Cable 900 μm to 3.00 mm)

FC/SC, FC/LC, FC/ST, FC/E-2000, FC/MU, FC/FCAPC, FC/SCAPC, FC/LCAPC, FC/E-2000APC, SC/LC, SC/ST, SC/E-2000, SC/MU, SC/FCAPC, SC/SCAPC, SC/LCAPC, SC/E-2000APC, LC/ST, LC/E-2000, LC/MU, LC/FCAPC, LC/SCAPC, LC/LCAPC, LC/E-2000APC, ST/E-2000, ST/MU, ST/FCAPC, ST/SCAPC, ST/LCAPC, ST/E-2000APC, E-2000/MU, E-2000/FCAPC, E-2000/SCAPC, E-2000/LCAPC, E-2000/E-2000APC, MU/FCAPC, MU/SCAPC, MU/LCAPC, MU/E-2000APC, FCAPC/SCAPC, FCAPC/LCAPC, FCAPC/E-2000APC, LCAPC/E-2000APC Etc.

### Single-Mode and Multi-Mode Fiber assemblies

Single-Mode and Multi-Mode fiber assemblies are used in a variety of carrier networks and private network environment. The Key to manufacturing high performance single-mode and multi-mode assemblies. GATS Telecom monitors its automated polishing process to exceed industry specifications for insertion and return loss, ensuring a top-quality product.

### Single-Mode Jumper patch cord and Hybrid patch cord (Simplex & Duplex Cable 900 μm to 3.00 mm)

Assembly Level	Connector Type	Cable Type	Test result	Max. IL (dB)	Min. RL (dB)	Order Length (Meters)
Customer	House	Choice	With each cord	0.30	>50UPC >60APC	Customer
Standard	House	House	Guaranteed	0.30	>50UPC >60APC	5, 10, 20

### Product features:

- Ultra-Physical Contact (UPC) options available on SC, FC, LC, E-2000, ST, MU.
- Angled Physical Contact (APC) options available on SCAPC, FCAPC, LCAPC, and E-2000APC.
- UL listed cable option available.
- Thermoplastic and Polyamide secondary coating options available.
- Available in variety of cable sizes from 900 μm to 3.0mm and Armored.
- Custom assemblies available on virtually any type of cable.
- All assemblies built with high-quality single-mode and armored fiber optic cable and are built to insertion and return loss.
- Insertion and return loss measurements provided with each assembly.

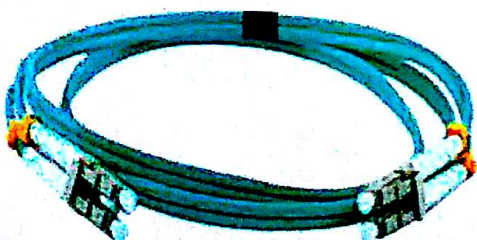
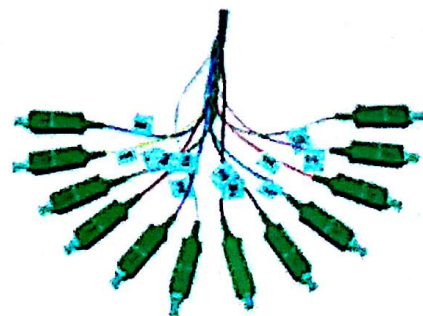
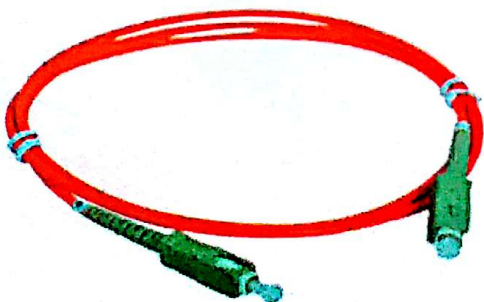
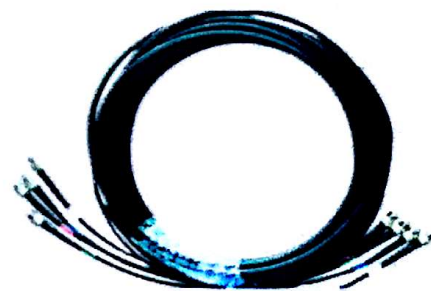
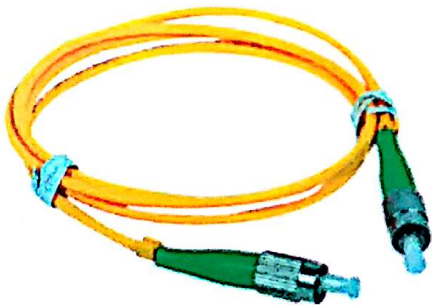


Multi-Mode Jumper patch cord and Hybrid patch cord (Simplex & Duplex Cable 900µm to 3.00 mm)  
OM3 & OM4 Cable Jumper Patch Cord and Hybrid Patch Cord.

Assembly Level	Connector Type	Cable Type	Test result	Max. IL(dB)	Order Length (Meters)
Customer	House	Choice	With each cord	0.20	Customer
Standard	House	House	Guaranteed	0.20	5, 10, 20

**Product features:**

- Ultra-Physical Contact (UPC) options available on SC, FC, LC, E-2000, ST, MU.
- Angled Physical Contact (APC) options available on SCAPC, FCAPC, LCAPC, and E-2000APC.
- UL listed cable option available.
- Available in variety of cable sizes from 900µm to 3.0mm and Armored.
- Custom assemblies available on virtually any type of cable.
- All assemblies built with high-quality multi-mode and armored fiber optic cable and are built to insertion.
- Insertion measurements provided with each assembly.



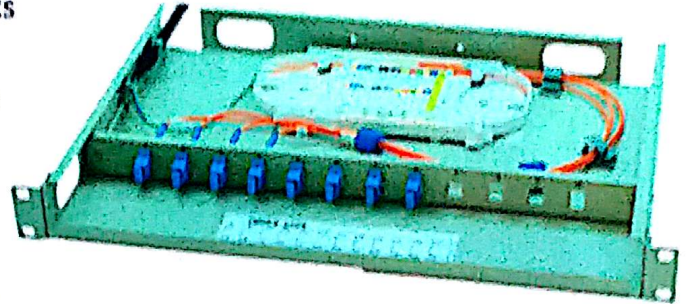


# Fiber Management System

Front patching FMS-1U/2U/3U/4U is a shelf assembly for a fiber management system in a networking rack environment. This system utilizes the same proven fiber routing procedures found in FO5C 400 splice closures. The result is consistent, high quality fiber management throughout the network. It is designed to provide cross-connect and interconnect between incoming fiber cables and fiber optic equipment. It offers a modular system that reliably and economically manages fiber distribution. It is typically designed for use in 19/21 equipment racks

## Product Features

- Front and Back rack mounting provision
- Integral splice capability
- Low excess loss
- Various coupling ratio
- Compact size



Coupling Ratio (%)	1-50
Return Loss	≥55 dB
Operating Temperature	-40°C - 85°C for package A,B,S / -20°C ~ 70°C for package C
Storage Temperature	-40°C - 85°C
Fiber Type	Single mode SMF-28E, DS Fiber, or Flex core
Fiber Pigtail Length (m)	1meter
Port Configuration	1x2 or 2x2

Single mode Dual Window Wideband Couplers		
Grade	P	A
Excess Loss (Typical) (dB)	0.15	0.20
Maximum Insertion loss (dB)	3.6	3.8
Uniformity (Max.) (dB)	0.4	0.4
Polarization Sensitivity (dB)	0.1	0.15
Operating Wavelength (nm)	1310/1550 + 40, 1310 / 1585 +40, or custom wavelength	

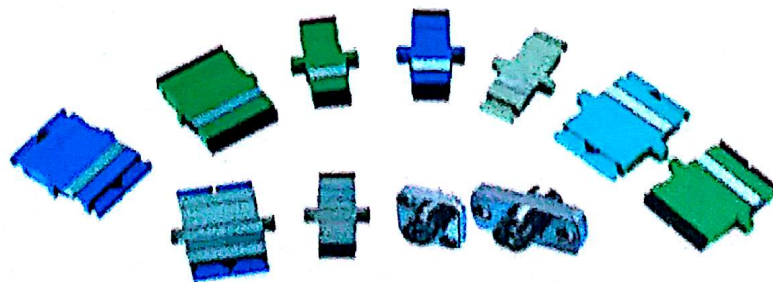
# Adaptor

GATS Telecom offers worldwide complete Optical fiber Adapters of fiber path cords. Standard fiber Adapters are the optimal off-the-shelf solution for you most sensitive projects. Test results are guaranteed.

## Single-Mode/ Multi-Mode/Hybrid Adapters SPECIFICATION:

FC/FC, SC/SC, LC/LC, ST/ST, E-2000/E-2000, MU/MU, FCAPC/FCAPC, SCAPC/SCAPC, LCAPC/LCAPC, E-2000APC/E-2000APC, FC/SC, FC/LC, FC/ST, SC/LC, etc.

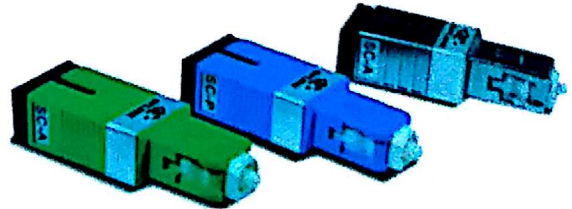
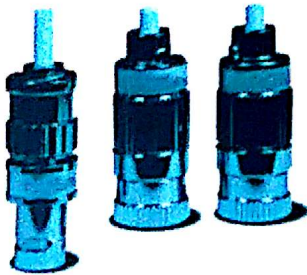
Operative Wavelength	SM	1310, 1550
	MM	850, 1300
Optical Parameter	≤0.10 dB	
Alignment Sleeve	Zirconia Ceramic Sleeve	





# Attenuator and Variable Attenuator

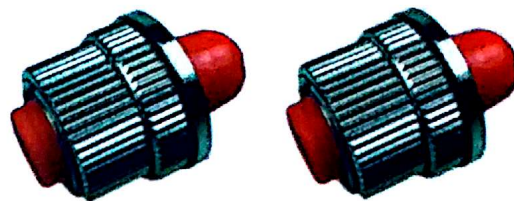
GATS Telecom offers worldwide complete Optical fiber Attenuators and Variable Attenuators of fiber path cords. Standard fiber Attenuators are the optimal off-the-shelf solution for your most sensitive projects. Test results are guaranteed



## Product features:

- Wide attenuation range
- Environmentally stable
- Precision ceramic ferrule
- Simple and Reliable Structure

Termination: Any connector available.



## SPECIFICATION:

	Parameter	Value
(Variable Attenuator)	Attenuator Range	0 ~ 35 dB
	Resolution	0.1 dB (typ.)
	Return Loss	≤50 dB (PC)
	PDL	≤60 dB (APC)
	Operation Temperature	-40°C ~ 75°C
	Storage Temperature	-40°C ~ 80°C
(Attenuator)	Optical Parameter	±0.5 dB (1-5 dB) ±1.0 dB (10, 15, 20, 30 dB)
	Alignment Sleeve	Zirconia Ceramic Sleeve

## OUR QUALITY POLICY:

We at GATPL strive to give highest customer satisfaction in time to ensure maximum value for money. We work on philosophy that customer is essential for our business. Our aim is to retain our existing customers through timely services. Our support staff is trained on interaction with customers. This helps us in understanding of customer problem and feeling to the customer that they are the part of GATPL extended family.

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