



## Headend Connectivity

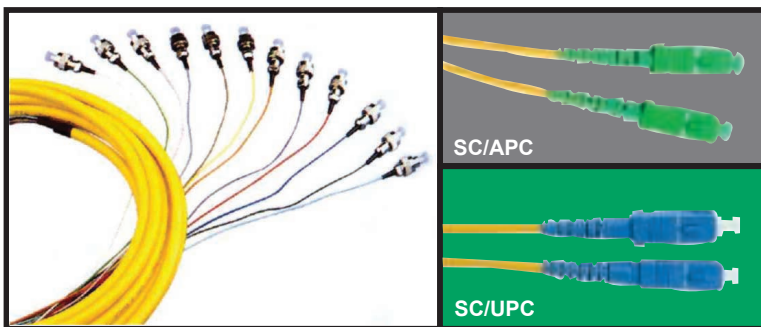
### Patch Cords:

#### Features:

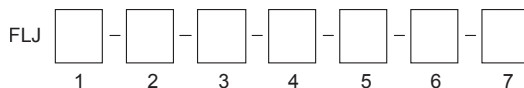
- ▶ Compliant with IEC & Bellcore specifications
- ▶ Low insertion loss & high return loss
- ▶ Highly stable mating & de-mating characteristics
- ▶ Contact us with your connector & performance specifications

### Patch Cord Specifications

SPECIFICATIONS		
INSERTION LOSS		< 0.2 dB
RETURN LOSS	UPC	> 55 dB
	APC	> 65 dB
MATING REPEATABILITY		< 0.2 dB (500 times)
CHANGEABILITY		≤ 0.1 dB
HUMIDITY RANGE		5% to 95% (non-condensing)
TEMPERATURE RANGE		-40°C to +80°C
APC POLISHING GEOMETRY		8 Degree



### Ordering Information



Mode Type	Connector #1	Polishing	Connector #2	Polishing	Cable Type	Length
M: Multimode	1: SC	P: PC	1: SC	P: PC	S: Simplex	01: 1M
Leave blank for Singlemode	2: ST	U: UPC	2: ST	U: UPC	D: Duplex	02: 2M
	3: FC	A: APC	3: FC	A: APC		05: 5M
	4: LC		4: LC			10: 10M

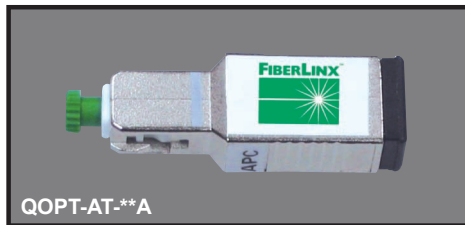
## Attenuators:

### Features:

- ▶ Precise attenuation value
- ▶ Excellent return loss
- ▶ Dual window (1310nm/1550nm)
- ▶ Offered in 1 dB increments

### Attenuator Specifications

SPECIFICATIONS		VALUE
WAVELENGTH		1310nm and 1550nm
ATTENUATION RANGE		1 dB - 30 dB
BAND PASS		+/- 50nm
ATTENUATION VARIATION	1 - 10 dB	+/- 0.5 dB
	10 - 15 dB	+/- 1.0 dB
	15 - 30 dB	+/- 2.0 dB
REFLECTANCE	UPC	> 56 dB
	APC	≥ 67 dB
OPERATION TEMPERATURE		-40°C to +75°C
STORAGE TEMPERATURE		-50°C to +85°C



### Ordering Information

Part Number	Description
QOPT-AT-**F	SC/UPC (for UPC connection)
QOPT-AT-**A	SC/APC (for APC connection)
<b>NOTE:</b>	
** = Attenuator Value in dB (01 to 30 available)	

Specifications subject to change without notice.

