

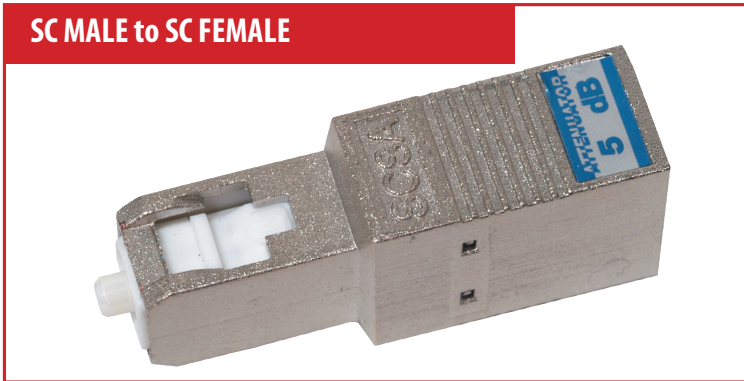
FIS BUILDOUT ATTENUATORS

FEATURES

- Fixed Attenuation values from 1 to 20 dB
- Optical performance 100% factory tested
- Polarization insensitive - doped fiber
- Compact design fits in existing connections or patch panels
- Convenience and ease of handling
- SC - FC - ST - LC - MU
- Telecommunication Networks
- CATV Networks
- Data Communications
- Instrumentation
- Local Area Networks

FIS male-to-female attenuators contain doped fiber suitable for both 1310nm and 1550nm operation. Fixed attenuation values are available in 1dB increments from 1 to 20dB. FIS stocks standard 5, 10, 15, 20dB attenuation levels in most styles.

SC MALE to SC FEMALE



FC MALE to FC FEMALE



SPECIFICATIONS

Characteristics	Conditions	Values
Attenuation Values		±1.5 dB
Return Loss	PC	>40 dB
	UPC	>55 dB
	APC	>60 dB
Durability	500 matings	<0.2 dB x Attenuation
Temperature Cycling	-40~+80°C (42 cycles)	<0.2 dB x Attenuation
Humidity Cycling	75°C, 95%/336Hr	<0.2 dB x Attenuation
Vibration	10~55Hz (2Hr)	<0.2 dB x Attenuation
Impact	1.5m drop, 8 cycles	<0.02 dB x Attenuation

ORDER INFORMATION

FIS male-to-female attenuators contain doped fiber suitable for both 1310nm and 1550nm operation. Fixed attenuation values are available in 1dB increments from 1 to 20dB. FIS stocks standard 5, 10, 15, 20dB attenuation levels in most styles.

TO SPECIFY ATTENUATION LEVEL REPLACE "XX" with desired attenuation level ex. 01=1dB, 02=2dB etc. 03=3dB, 04=4dB, etc.

PART #	DESCRIPTION
F1-8721AXX	FC/UPC Male to Female Attenuator
F1-8751AXX	FC/APC Male Female Attenuator
F1-8731AXX	SC/UPC Male to Female Attenuator
F1-8741AXX	SC/APC Male Female Attenuator
F1-9621AXX	ST/UPC Male to Female Attenuator
F1-8761AXX	LC/UPC Male to Female Attenuator
F1-8771AXX	LC/APC Male to Female Attenuator
F1-9521AXX	MU/UPC Male to Female Attenuator