

HFC ACCESSORIES

FIBER OPTIC ATTENUATORS



Digicomm offers a range of single-mode fiber optic attenuators in SC/APC, SC/UPC, LC/APC, and LC/UPC configurations. All attenuators undergo meticulous machine polishing to achieve a flawless end face, thereby enhancing performance and minimizing return loss. Each unit undergoes rigorous testing to ensure precise dB loss accuracy. Additionally, each attenuator is individually serialized and packaged with a label displaying the actual dB value.

Extensive inventory IN-STOCK at our distribution center in Englewood, CO.

OPTICAL SPECIFICATIONS

PARAMETERS	UNITS	COMMENTS
Operating Wavelength	nm	1200 - 1600
Insertion Loss	dB	Values 1 - 9: +/- 0.5 dB Values 10 - 20: +/- 1.0 dB
Return Loss	dB	≥55 (UPC) ≥65 (APC)
Polarization Dependent Loss (PDL)	dB	≤ 0.2
Maximum Optical Power	mW	200

ENVIRONMENTAL SPECIFICATIONS

PARAMETERS	UNITS	COMMENTS
Operating Temperature	°C	'-40° C to 90° C
Storage Temperature	°C	'-40° C to 90° C
Reliability		RoHS Compliant Ceramic ferrule complies with GR-910-CORE

ORDERING INFORMATION

PART NUMBER	CONNECTOR TYPE	DESCRIPTION
FOA-LA-xxDB	LC/APC	xx = dB Value 1 - 20
FOA-LU-xxDB	LC/UPC	xx = dB Value 1 - 20
FOA-SA-xxDB	SC/APC	xx = dB Value 1 - 20
FOA-SU-xxDB	SC/UPC	xx = dB Value 1 - 20