

Hybrid Adapter / Attenuator (LC with SC or FC)

Description

GET manufactures hybrid BOA for conversion of LC with either SC or FC connector/ adapter. This product can be applied to adjust the input power level of signal in optical communications, E/O converter and for test of the linear or dynamic range of optical power meter.



Features

- ❖ Precise attenuation value
- ❖ Excellent reflectance
- ❖ Perfect stability and reliability
- ❖ Flawless end face
- ❖ Dual window (1310nm/1550nm)
- ❖ 1dB increment

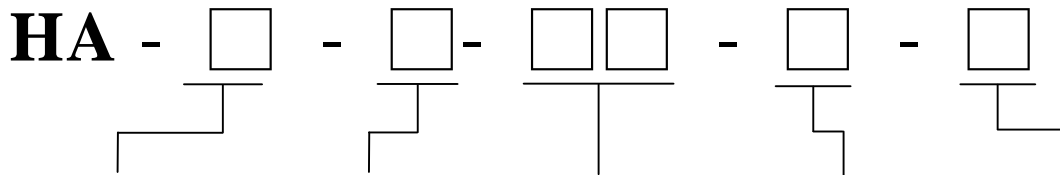
Applications

- ❖ Telecommunications
- ❖ CATV / LAN
- ❖ FTTH
- ❖ Subscriber loop

Product Specifications

Specifications		Value	
Item		Single-Mode	Multi-Mode
Wavelength		1310nm and 1550nm	850nm and 1310nm
		1310nm or 1550nm	850nm or 1310nm
Attenuation Range		0dB ~ 30dB	0dB ~ 20dB
Insertion Loss (0 dB)		<0.5dB	<0.5dB
Precision	< 10dB	±0.5dB, ±0.75dB	±1dB
	≥ 10dB	±5%, ±10%	±10%
Reflectance	SPC	≥ 50dB	-----
	UPC	≥ 55dB	
Operation Temperature		-40°C ~ 75°C	-40°C ~ 75°C
Storage Temperature		-40°C ~ 85°C	-40°C ~ 85°C

Ordering Information



Connector:	Wavelength:	Attenuation:	Reflectance:	Tolerance:
1=SC (male)- LC (Female)	SM (9/125) 1 = 1310nm	00 = 0dB 01 = 1dB 07 = 7dB	S = ≥ 50 dB U = ≥ 55 dB M = ≥ 30 dB	A = ± 0.5 dB B = ± 0.75 dB
2=LC (male)- SC (Female)	2 = 1550nm 3 = 1310nm & 1550nm	02 = 2dB 08 = 8dB 03 = 3dB 09 = 9dB		C = $\pm 5\%$ D = $\pm 10\%$
3=FC (male)- LC (Female)	MM (50/125) 4 = 850nm 5 = 1310nm 6 = 850nm & 1310nm	04 = 4dB 10 = 10dB 05 = 5dB 15 = 15dB 06 = 6dB 20 = 20dB		E = ± 1 dB
4=LC (male)- FC (Female)	MM (62.5/125) 7 = 850nm 8 = 1310nm 9 = 850nm & 1310nm			Single-Mode A & B for < 10dB; C & D for ≥ 10 dB Multi-Mode E for < 10dB; D for ≥ 10 dB



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