



Prostal Limited.

Vat number: 24849130

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Jumper type Variable Optical Attenuator Rev. 16A

Description

Prostal's Variable Optical Attenuator can be applied to adjust the power levels of signals in optical communications at the output of light sources, E/O converters and for testing the linearity or dynamic range of optical power meters.

Prostal Attenuators can also be used in optical amplifier systems to balance the gain across the different operating wavelengths.



Features

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

Applications

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



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Product Specifications

Specifications		Value	
Item		Single-Mode	Multi-Mode
Wavelength		1310nm and 1550nm	850nm and 1310nm
		1310nm or 1550nm	
Variable Range		1dB ~ 35dB (Optional)	1dB ~ 35dB (Optional)
Adjust Method		Twist by hand	
Reflectance	PC	$\geq 45\text{dB}$	$\geq 30\text{dB}$
	APC	$\geq 50\text{dB}$	
Operation Temperature		-40°C ~ 75°C	-40°C ~ 75°C
Storage Temperature		-40°C ~ 85°C	-40°C ~ 85°C

Ordering Information

VOA- - - -

Connector:
1 = SC/UPC
2 = FC/UPC
3 = SC/APC
4 = FC/APC
5 = LC/UPC
6 = MU/UPC
7 = ST/UPC
8 = D4/PC
9 = LC/APC
A = MU/APC
B = SC/PC
C = FC/PC
D = LC/PC
E = MU/PC
F = ST/PC
G = DIN/PC

Wavelength:
13 = 1310nm
15 = 1550nm
35 = 1310nm & 1550nm
83 = 850nm & 1310nm
85 = 850nm

Variable range:
A = 1dB~12dB
B = 1dB~20dB
C = 1dB~25dB
D = 1dB~35dB

Connector:
1 = SC/UPC
2 = FC/UPC
3 = SC/APC
4 = FC/APC
5 = LC/UPC
6 = MU/UPC
7 = ST/UPC
8 = D4/PC
9 = LC/APC
A = MU/APC
B = SC/PC
C = FC/PC
D = LC/PC
E = MU/PC
F = ST/PC
G = DIN/PC