

Optec's attenuator offers a precise reduction in optical signal from point-to-point with a fixed attenuation value range from 1dB to 30 dB by Singlemode manufacturing design.

The plug-type attenuators adjust optical signal level to increase network flexibility and optimize optical power, it commonly use in Telecommunication, CATV, FTTx network and Tests & Measurements.



Features and Applications

Low back reflection and return loss with fixed attenuation

Available in UPC or APC polishing for attenuators

Stringent factory control in processes

Precise attenuation & tight tolerance with high power application which can be used in testing and measurement

Manufacturing in reliable technique

Polarization insensitive with wide wavelength compliant to Telcordia GR-910-CORE.

High Flexibility for using in different industries

Suitable for use in CATV, telecommunication networks, test device termination, available in FC, SC, ST, MU, LC connector interface

Specifications

	Plug Type Specifications	
	Premium	Standard
Attenuation Range	1~30dB * in 1.0dB increment	1~20dB * in 1.0dB increment
Attenuation Accuracy	1 ~ 9dB +/-0.5dB	1~ 5dB +/-0.5dB
	10~15dB +/-1.0dB	6~20dB +/-10%
	16~20dB +/-1.5dB	
	21~30dB +/-2.0dB	
Operating Wavelength	1310 & 1550nm (stable attenuation within 1250~1650nm)	
Return Loss	50dB (UPC), 60dB (APC)	
Operating Temperature	-40 to +75 °C	

Note:

The Optec's standard stock items are 1/5/10/15/20dB. Please contact our sales team for MOQ if other dB types are required

Physical dimensions

Plug Type Attenuators		
FC Type	SC Type	LC Type

Ordering Information

ANP

1
2
3

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| <p>1 Connector Type</p> <ul style="list-style-type: none"> 1 = FC/UPC 2 = SC/UPC 3 = ST/UPC 4 = LC/UPC 5 = MU/UPC 6 = FC/APC 7 = SC/APC 8 = LC/APC | <p>2 Attenuation</p> <ul style="list-style-type: none"> 01 = 1dB 02 = 2dB 03 = 3dB • 10 = 10dB • • 20 = 20dB • • 30 = 30dB | <p>3 Quality Grade</p> <ul style="list-style-type: none"> P = Premium S = Standard |
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Example: **Ordering code :** ANP-2-05-S
Item Description: Plug Type Attenuator SC/UPC 5dB, Standard Grade