

#### Fiber Optic Component Plug Type Attenuators

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 adjusts 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**

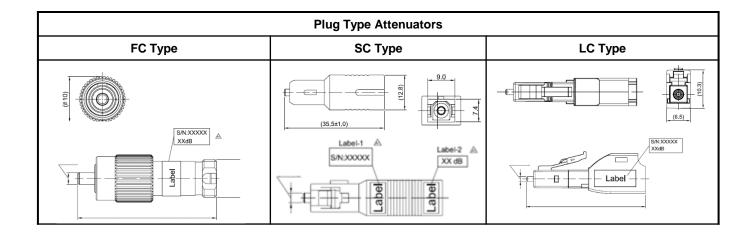
	Plug Type Specifications	
	Premium	Standard
Attenuation Range	1~30dB * in 1.0dB increment	1~20dB * in 1.0dB increment
Attenuation Accuracy	1 ~ 9dB +/-0.5dB	1~ 5dB +/-0.5dB
	10~15dB +/-1.0dB	6~20dB +/-10%
	16~20dB +/-1.5dB	
	21~30dB +/-2.0dB	
Operating Wavelength	1310 & 1550nm (stable attenuation within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

Note:

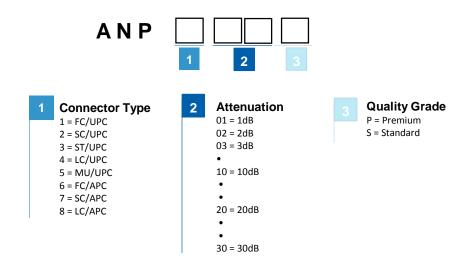
The Optec's standard stock items are 1/5/10/15/20dB. Please contact our sales team for MOQ if other dB types are required



# **Physical dimensions**



#### **Ordering Information**



*Example:* Ordering code : ANP-2-05-S Item Description: Plug Type Attenuator SC/UPC 5dB, Standard Grade

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