FIBER OPTIC ATTENUATOR

LifeFiber
REDES FTTH

DESCRIPTION

Fiber Optic Attenuator is a component installed in a fiber optic transmission system that reduces the power in the optical signal. It is often used to limit the optical power received by the photo detector to within the limits of the optical receiver.

FEATURES

High stability and good durability Low PDL Ultra low return loss Arbitrary attenuation values optional Precision and Stable attenuation values

APLICATION

EDFA DWDM CATV Wide Area Networks High Power Applications Testing instrument

SPECIFICATION

Parameter	Condition	Value
Attenuation (dB)	UPC	1~30
Return loss (dB)	UPC	>50
Operating wavelength (nm)	1310/1550	
Attenuation accuracy (dB)	1~4	<0.5dB
	5~25	<10%
PDL (dB)	<0.2	
Repeat ability (dB)	≤0.10	
Changeability (dB)	≤0.20	
Plug times	1000 mating, loss change≤0.20dB	
Max. Input power (mW)	≤200	
Operating temperature(°C)	0 ~ +70	
Storage temperature (°C)	-40 ~+85