

# 1x1 Fused PM Fiber Attenuator



## Product Features

- Low Excess Loss
- High Power Handling
- Telcordia GR-1221 Compliant Test

## Product Applications

- Optical Amplifiers
- Power Monitoring
- Coherent Communication
- Fiber Gyroscope

## Specifications

Parameter	Unit	Premium	A grade	Premium	A grade	
Port Configuration		1x1				
Central Wavelength	nm	780, 830, 980, 1064		1310, 1480, 1550, 2000		
Bandwidth	nm	±20				
Excess Loss	Typ.	dB	0.5	0.6	0.4	0.6
Excess Loss	Max.	dB	0.7	0.8	0.6	0.8
Polarization Extinction Ratio	Min.	dB	20	17	20	17
Operating power	Max.	W	2			
Operating Temperature	°C	-40 to +85				
Storage Temperature	°C	-50 to +85				
Package Type	mm	S6 / S8 / M1				

*]All specifications are before connectors. PER is 2dB lower and EL is 0.2dB higher after connectors.*

## Insertion Loss & Its Tolerance

Insertion Loss(dB)	Insertion Loss Tolerance (dB)	
	Premium	A grade
1	±0.1	±0.2
2	±0.2	±0.3
3	±0.3	±0.4
5	±0.7	±0.8
10	±1.0	±1.2
15	±1.8	±2.2
20	±2.5	±3.0
30	±3.0	±4.0

## Ordering Information

P	M	B	A								
				Wavelength	Structure	Insertion Loss	Grade	Package	Fiber Type	Fiber Length	Connector
				4=1550nm 5=1480nm 7=1310nm 8=1064nm 9=980nm L=780nm K=830nm P=2000nm S=Specify	1=1x1	01=1.0dB 02=2.0dB 03=3.0dB 05=5.0dB 10=10dB 15=15dB 20=20dB 30=30dB	P=Premium A=A grade	5=S6 with 250um bare fiber pigtail 7=S8 with 0.9mm loose tube D=M1 with 3mm cable	E=Panda fiber L=Large mode area panda fiber	0=0.5m 1=0.75m 2=1.0m S=Specify	0=None 1=FC/PC 2=FC/SPC 3=FC/APC 7=FC/UPC

Note: 1. Central Wavelength can be customized for different applications.  
2. All specifications are subject to change without notice.