

1x3 Fused Hybrid PM Fiber Standard Tap



Product Features

- Low Excess Loss
- High Extinction Ratio
- High Power Handling
- Available for Slow or Fast Axis Operation
- Telcordia GR-1221 Compliant Test

Product Applications

- Optical Amplifier
- Power Monitoring
- Telecomm System
- Testing Equipment

Specifications

Parameter	Unit	Premium	A grade	Premium	A grade	
Port Configuration		1x3				
Central Wavelength	nm	780, 830, 980, 1064		1310, 1480, 1550, 2000		
Bandwidth	nm	±20				
Excess Loss	Typ.	dB	0.5	0.7	0.3	0.4
Excess Loss	Max.	dB	0.7	0.9	0.5	0.8
PER for Through Port	Min.	dB	18	15	20	17
Return Loss*	Min.	dB	50	45	50	45
Directivity*	Min.	dB	55			
Operating power	Max.	W	2			
Operating Temperature	°C	-40 to +85				
Storage Temperature	°C	-50 to +85				
Package Type	mm	S6 / S12 / M2				

Above PER is for more than 10%(CR) port, it's 2dB lower for no more than 10%(CR) port, and 4dB lower for no more than 5%(CR) port.

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

* Test at central wavelength only.

Splitting Ratio & Its Tolerance

Splitting Ratio	Maximum Splitting Ratio Tolerance (%)			
	Premium		A grade	
	Main Port	Tap Port	Main Port	Tap Port
0.5/99/0.5	±0.4	±0.2	±0.5	±0.3
1/98/1	±0.6	±0.4	±0.8	±0.5
2.5/95/2.5	±1.5	±0.8	±1.8	±1.0
5/90/5	±2.0	±1.2	±2.5	±1.3
10/80/10	±2.5	±1.5	±3.0	±1.8

Fiber Type	Common Port	Through Port	Coupling Port 1	Coupling Port 2
Type 1	Panda Fiber	Panda Fiber	SMF-28e Fiber or Equivalent Fiber	SMF-28e Fiber or Equivalent Fiber
Type 2	Panda Fiber	Panda Fiber	HI1060 Fiber or Equivalent Fiber	HI1060 Fiber or Equivalent Fiber
Type 3	Panda Fiber	Panda Fiber	HI780C Fiber or Equivalent Fiber	HI780C Fiber or Equivalent Fiber
Type 4	Panda Fiber	Panda Fiber	SMF-28e Fiber or Equivalent Fiber	Panda Fiber
Type 5	Panda Fiber	Panda Fiber	HI1060 Fiber or Equivalent Fiber	Panda Fiber
Type 6	Panda Fiber	Panda Fiber	HI780C Fiber or Equivalent Fiber	Panda Fiber

Ordering Information

P	M	S	T	Wavelength	Structure	Splitting Ratio	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	3=1x3	99=0.5:99:0.5 98=1:98:1 95=2.5:95:2.5 90=5:90:5 80=10:80:10	P=Premium A=A grade	5=S6 with 250um bare fiber pigtail B=S12 with 0.9mm loose tube E=M2 with 3mm cable	1=Type 1 2=Type 2 3=Type 3 4=Type 4 5=Type 5 6=Type 6	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.