1x3 Polarization-Insensitive Fused PM Fiber Splitter

Product Features

- Operating on both Fast and Slow Axis
- Low Excess Loss
- Polarization-Insensitive
- High Power Handling
- Telcordia GR-1221 Compliant Test

Product Applications

- Optical Amplifier
- Optical Sensor
- Coherent Optical System
- Optical 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	0.6	0.8	0.4	0.6
Excess Loss	Max.	dB	0.8	1.0	0.6	0.8
Polarization Dependent Loss	Max.	dB	0.1	0.2	0.1	0.2
Polarization Extinction Ratio	Min.	dB	17	15	18	16
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.

Splitting Ratio & Its Tolerance

Splitting Ratio	Maximum Splitting Ratio Tolerance (%)			
	Premium		A-Grade	
	Through Port	Coupling Port	Through Port	Coupling Port
5:90:5	±2.5	±1.5	±3.0	±1.8
10:80:10	±2.8	±1.6	±3.2	±2.0
15:70:15	±3.0	±1.8	±3.5	±2.4
20:60:20	±3.3	±2.0	±3.7	±2.5
25:50:25	±3.5	±2.4	±4.0	±3.0
30:40:30	±4.0	±3.0	±5.0	±4.0
33:33:33	±6.0	±6.0	±8.0	±8.0
35:30:35	±4.0	±5.0	±5.0	±6.0
40:20:40	±5.0	±6.0	±6.0	±7.0

Ordering Information

P I N S [ ] 3 [ ][ ] [ ] [ ] [ ] [ ] [ ]

Wavelength
4=1550nm
5=1480nm
7=1310nm
8=1064nm
9=980nm
L=780nm
K=830nm
P=2000nm
S=Specify

Structure
3=1x3

Splitting Ratio
90=5:90:5
80=10:80:10
70=15:70:15
60=20:60:20
50=25:50:25
40=30:40:30
33=33:33:33
30=35:30:35
20=40:20:40
...

Grade
P=Premium
A=A grade

Package
5=S6 with 250um bare fiber pigtail
B=S12 with 0.9mm loose tube
E=M2 with 3mm cable

Fiber Type
E=Panda fiber
L=Large mode area panda fiber

Fiber Length
0=0.5m
1=0.75m
2=1.0m
S=Specify

Connector
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.
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COMCORE