1x2 (2x2) Compact Fused Hybrid PM Fiber Tap

Specifications

Parameter		Unit	Premium	A grade
Port Configuration		-	1x2 or 2x2	
Central Wavelength		nm	1310, 1480, 1550	
Bandwidth		nm	± 20	
Excess Loss	Typ.	dB	0.3	0.5
Excess Loss	Max.	dB	0.5	0.7
Polarization Extinction Ratio for Through Port	Min.	dB	20	17
Return Loss*	Min.	dB	50	50
Directivity	Min.	dB	55	55
Operating Power	Max.	W	2	
Operating Temperature		°C	-40 to +85	
Storage Temperature		°C	-50 to +85	
Package Type		mm	Φ3 x 35: for bare fiber Φ3 x 54: for 0.9mm loose tube	

* Test at central wavelength only

Features / Benefits

- Low excess loss
- High extinction ratio
- High power handling
- Telcordia GR-1221 compliant test

Applications

- Optical amplifier
- Power monitoring
- Telecomm systems
- Testing equipment

Splitting Ratio & Its Tolerance

Splitting Ratio	Maximum Splitting Ratio Tolerance (%)	
	Premium	A grade
99.5/0.5	± 0.2	± 0.3
99/1	± 0.4	± 0.5
98/2	± 0.7	± 1.0
95/5	± 1.8	± 2.1
90/10	± 2.5	± 3.0
80/20	± 3.0	± 4.0

Ordering Information

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- Wavelength: 4= 1550nm, 5= 1480nm, 7= 1310nm
- Structure: 1= 1x2, 2= 2x2
- Splitting Ratio: 05= 99.5:0.5, 99= 99:1, 98= 98:2, 95= 95:5, 90= 90:10
- Grade: P= Premium, A= A grade
- Package: M= ∅3 x 35mm, A= ∅3 x 54mm
- Fiber Type: E= Panda fiber
- Pigtail: S= 250μm bare fiber, M= 0.9mm loose tube
- Length Type: 0= 0.5m, 1= 0.75m, 2= 1.0m
- Connector: 0= None, 1= FC/UPC, 3= FC/APC

This product information is subject to change without notice.