



1x2 (2x2) Ultra-Low PDL Single Mode Narrowband Tap

Features of our Tap:

- Ultra-Low PDL
- Low Insertion loss
- High Directivity
- Stable and Reliable
- Compact Size

Applications for our Tap:

- Optical Communications System
- Optical Testing System
- Optical Fiber Amplifier
- EDFA Module

Specifications

Specification				
Parameter		Unit	Premium	A grade
Port Configuration			1x2 or 2x2	
Bandwidth		nm	+/-10	
Excess loss	Typ.	dB	0.07	0.1
PDL	Max.	dB	0.03	0.05
Return Loss *	Min.	dB	50	
Operating Temperature		°C	-40 to +85	
Storage Temperature		°C	-50 to +85	
Package Type		mm	S6	Diam. 3x54; for bare fiber
			S8	Diam. 3x70; for 0.9mm loose tube
			M1	10x20x90; for 3mm cable

* >60dB on request for 1x2 structure

Splitting Ratio and Insertion Loss Conversion Table				
Splitting Ratio	Maximum Insertion Loss (dB)			
	Premium		A grade	
Output Port	Output Port 1	Output Port 2	Output Port 1	Output Port 2
95:5	0.4	14.6	0.5	18.4
96:4	0.3	16.0	0.4	19.0
97:3	0.3	17.5	0.4	19.5
98:2	0.2	19.0	0.3	20.0
99:1	0.2	21.5	0.3	22.0
99.5:0.5	0.2	23.0	0.3	24.0



Ordering information:

Wavelength: 1625, 1590, 1570, 1550, 1480, 1475, 1310, 1060, 980nm

Structure: 1x2 or 2x2

Splitting Ratio: 99.5:0.5, 99:1, 98:2, 97:3, 96:4, 95:5

Grade: Premium (P) or A grade

Fiber type: SMF-28, HI1060, HI980, HI1060FLEX, OFS SMB-D0980B

Pigtail: 250um bare fiber, 0.9mm loose tube, 3mm cable

Fiber length: 0.5m, 1.0m, 1.5m, 2.0m, customer's request

Connector: none, FC/PC, FC/APC, ST, customer's request

We have unbeatable low price for this product.