

1x2(2x2) Ultra-Low Splitting Ratio Taps



Product Features

- Low Excess Loss
- Low Insertion Loss
- High Power Handling
- Stable and High Reliable

Product Applications

- High Power Optical Amplifiers
- Optical Testing Systems
- Optical Fiber Sensors
- Fiber Lasers
- High Power Monitors

Specifications		Tap Port Ratio: 0.1%, 0.01%, 0.001%	
Parameter	Unit	Premium	A grade
Port Configuration		1x2 or 2x2	
Bandwidth	nm	±20	
Insertion Loss for Through Port	Max. dB	0.1	
Insertion Loss for 0.1% Tap Port	dB	30±3	30±4
Insertion Loss for 0.01% Tap Port	dB	40±4	40±5
Insertion Loss for 0.001% Tap Port	dB	50±5	50±6
Return Loss*	Min. dB	55	50
Excess Loss	Typ. dB	0.03	
Operating power	Max. W	5	
Operating Temperature	°C	-40 to +85	
Storage Temperature	°C	-50 to +85	
Package Type	mm	S6	Ø3x54: for bare fiber
		S8	Ø3x70: for 0.9mm loose tube
		M1	9x16x90: for 0.9mm loose tube or 2mm cable or 3mm cable

*Test at central wavelength only. There would be an unused termination port around 20cm for 1x2 version.

Ordering Information

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Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector			
1=1625nm 2=1690nm 3=1570nm 4=1550nm 5=1480nm 6=1475nm 7=1310nm 8=1064nm R=1030nm 9=980nm A=860nm K=830nm L=790nm F=2000nm S=Specify	1=1x2 2=2x2	01=0.1% 02=0.01% 03=0.001%	P=Premium A=A grade	5=S6 7=S8 D=M1	1=G652 or Equivalent 5=980-20 6=SM1060 7=SM1060 FLEX 8=980-16 9=SM780 H=SM1950 L=Large mode area fiber	S=250µm bare fiber M=0.9mm loose tube L=3mm cable R=2mm cable	0=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m S=Specify	0=None 1=F C/PC 2=F C/SPC 3=F C/APC 4=SC/SPC 5=SC/APC 6=ST 7=F C/U/PC 8=SC/U/PC 9=MU A=LC/PC B=SC/PC C=LC/U/PC D=LC/APC			

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are before connectors and are subject to change without notice.
3. All data are measured at central wavelength at room temperature.