

1x2 (2x2) Single Mode Ultra-Flattened Broadband Fused Splitter



Specifications

Parameter		Unit	Premium	A grade
Bandwidth		nm	± 20	
Excess Loss	Typ.	dB	0.07	0.1
WDL	Max.	dB	0.5	0.7
PDL	Max.	dB	0.1	0.15
Return Loss	Min.	dB	50	
Operating Temperature		°C	-40 to +85	
Storage Temperature		°C	-50 to +85	

Note: Return loss without connector; insertion loss does not include connector

Splitting Ratio

Splitting Ratio & Insertion Loss Conversion Table					
Splitting Ratio		Maximum Insertion Loss (dB)			
		Premium		A grade	
Output Port1	Output Port2	Output Port1	Output Port2	Output Port1	Output Port2
95	5	0.4	14.6	0.5	18.4
96	4	0.3	17.5	0.4	19.5
97	3	0.3	19.0	0.3	20
98	2	0.25	19	0.35	20
99	1	0.2	21.5	0.3	22

Features / Benefits

- Ultra flattened spectrum
- Low excess loss
- Low polarization dependent loss

Applications

- Optical communication system
- Optical power distribution system
- Fiber optic sensors
- Optical test system

Ordering Information

S	B	T								
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector Type		
2=1590nm 4=1550nm	1=1x2 2=2x2	99=99/1 98=98/2 97=97/3 96=96/4 95=95/5	P=Premium A=A grade	A=Φ3x54 mm for bare fiber C=Φ3x70mm for 0.9mm E=10x20x90mm for 3mm cable	1=SMF28	S=250μm Bare fiber M=0.9mm loose tube L=3mm cable	0=0.5m 1=1.0m 2=1.5m 3=2.0m	0=None 1=FC/PC 2=FC/SPC 3=FC/APC 4=SC/SPC 5=SC/APC 6=ST 7=FC/UPC 8=SC/UPC 9=MU A=LC		

This product information is subject to change without notice.