

Star & Tree Single Mode Broadband Splitter Module



Product Features

- Ultra-Low PDL
- Low-Excess Loss
- Low Insertion Loss
- High Directivity
- Stable and Reliable

Product Applications

- Optical Communication System
- Optical Testing System
- Passive Optical Network
- Optical Power Distributor

Specifications

Parameter	Unit	Nx4(N=1,2,4)			Nx8(N=1,2,8)			Nx16(N=1,2)			Nx32(N=1,2)			
Bandwidth	nm	± 40												
Grade	nm	U	P	A	U	P	A	U	P	A	U	P	A	
Insertion Loss	Max.	dB	6.8	6.8	7.2	10.2	10.2	11.3	13.6	13.6	15.1	17.5	17.5	18.5
Excess Loss	Typ.	dB	0.3	0.3	0.5	0.5	0.5	0.7	0.8	0.8	1.0	1.0	1.0	1.4
Uniformity	Max.	dB	0.7	0.7	0.9	1.2	1.2	1.5	1.6	1.6	2.0	2.0	2.0	2.5
PDL	Max.	dB	0.02	0.2		0.03	0.3		0.04	0.4		0.05	0.5	
Return Loss*	Min.	dB	45											
Operating power	Max.	W	5											
Operating Temperature	°C	-20 to +85												
Storage Temperature	°C	-50 to +85												
Package Type	mm	M7 or M10			M8 or M11			M8 or M12			M9			
		M5: for 0.9mm loose tube or 3mm cable						M6: for 0.9mm loose tube or 3mm cable						

* Test at central wavelength only and for high return loss on request.

Ordering Information

S	B	M									
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector			
4=1550nm 5=1480nm 7=1310nm P=2000nm S=Specify	14=1x4 24=2x4 44=4x4 18=1x8 28=2x8 88=8x8 A6=1x16 B6=2x16 E2=1x32 F2=2x32	0=Even	P=Premium A=A grade U=Ultra-Low PDL	H=M5 I=M6 J=M7 K=M8 L=M9 M=M10 N=M11 O=M12	1=SMF-28e	M=0.9mm loose tube L=3mm Cable F=Adapting Flange	0=0.5m 1=0.75m 2=1.0m S=Specify N=None	0=None 1=FC/PC 2=FC/SPC 3=SC/APC 4=SC/SPC 5=SC/APC 6=ST 7=FC/UPC 8=SC/UPC 9=MU A=LC/PC B=SC/PC C=LC/UPC 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.