

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	
Operating power	Max.	W	5											
Operating Temperature	°C	-20 to +85												
Storage Temperature	°C	-50 to +85												
Package Type	mm	M7=18x114x140			M8=43x322x480			M8=43x322x480						
		M10=29x130x132			M11=58x130x132									
		M5=10x80x100: for 0.9mm loose tube or 3mm cable						M6=18x115x141: for 0.9mm loose tube or 3mm cable						

Ordering Information

S	B	M									
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector			
4=1550nm	14=1x4	0=Even	P=Premium	H=M5	1=G652 or	M=0.9mm	0=0.5m	Or Flange			
5=1480nm	24=2x4		A=A grade	F=M6	Equivalent	loose tube	1=0.75m	0=None			
7=1310nm	44=4x4		U=Ultra-Low	J=M7	H=SM1960	L=3mm Cable	2=1.0m	1=F C/PC			
P=2000nm	18=1x8		PDL	K=M8		F=Adapting Flange	3=1.5m	2=F C/APC			
S=Specify	28=2x8			L=M10			4=2.0m	3=F C/APC			
	88=8x8			N=M11			5=Specify	4=SC/APC			
	A6=1x16						N=None	5=SC/APC			
	B6=2x16							6=ST			
	E2=1x32							7=F C/UPC			
	F2=2x32							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.