

Star & Tree Single Mode Narrowband 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	± 10								
Grade	nm	P	A	P	A	P	A	P	A	
Insertion Loss	Max.	dB	6.8	7.2	10.2	11.3	13.6	15.1	17.5	18.5
Excess Loss	Typ.	dB	0.3	0.5	0.5	0.7	0.8	1.0	1.0	1.4
Uniformity	Max.	dB	0.7	0.9	1.2	1.5	1.6	2.0	2.0	2.5
PDL	Max.	dB	0.1		0.2		0.25		0.3	
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	N	M								
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector		
4=1550nm	14=1x4	0=Even	P=Premium	H=M5	1=SMF-28e	M=0.9mm	0=0.5m	0=None		
5=1480nm	24=2x4		A=A grade	I=M6	5=OFS980-20	loose tube	1=0.75m	1=FC/PC		
7=1310nm	44=4x4			J=M7	6=HI1060	L=3mm Cable	2=1.0m	2=FC/SPC		
8=1064nm	18=1x8			K=M8	7=HI1060 FLEX	F=Adapting Flange	S=Specify	3=FC/APC		
9=980nm	28=2x8			L=M9	8=OFS 980-16		N=None	4=SC/SPC		
L=780nm	88=8x8			M=M10	9=HI780C			5=SC/APC		
P=2000nm	A6=1x16			N=M11				6=ST		
S=Specify	B6=2x16			O=M12				7=FC/UPC		
	E2=1x32							8=SC/UPC		
	F2=2x32							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.