

# Star&Tree Single Mode Dual-Window Broadband Splitter Module



## Product Features

- Low Excess Loss
- Low Insertion Loss
- Low PDL
- 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)		
Operating Wavelength		1310±40 and 1550±40								
Grade	nm	P	A	P	A	P	A	P	A	
Insertion Loss	Max.	dB	7.2	7.6	10.7	11.7	14.5	15.5	18.5	19.4
Excess Loss	Typ.	dB	0.3	0.5	0.5	0.7	0.8	1.2	1.0	1.4
Uniformity	Max.	dB	1.4	1.6	2.1	2.5	2.8	3.4	3.5	4.1
PDL	Max.	dB	0.3		0.4		0.5		0.6	
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.

## Ordering Information

S	D	M									
			Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector
			0=1310nm&1550nm	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	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=FC/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.