

Star & Tree 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
- Optical Instrument
- Optical Power Distributor

Single-Window

Parameter		Unit	Nx4(N=1,2,4)		Nx8(N=1,2,8)		Nx16(N=1,2)		Nx32(N=1,2)	
Operaing Wavelength		nm	1310 or 1550 or 1480± 40							
Grade			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	1.2	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	0.2		0.3		0.4		0.5	
Return Loss	Min.	dB	45							
Operating Temperature		°C	-20 to +75							
Storage Temperature		°C	-50 to +85							
Package Type		mm	M ₇ : for adapting flange		M ₈ : for adapting flange				M ₉ : for adapting flange	
			M ₅ :for 0.9mm loose tube or 3mm cable				M ₆ :for 0.9mm loose tube or 3mm cable			

Two-Window

Parameter		Unit	Nx4(N=1,2,4)		Nx8(N=1,2,8)		Nx16(N=1,2)		Nx32(N=1,2)	
Operaing Wavelength		nm	1310± 40 and 1550± 40							
Grade			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 Temperature		°C	-20 to +75							
Storage Temperature		°C	-50 to +85							
Package Type	mm	M ₇ :for adapting flange	M ₈ :for adapting flange				M ₉ :for adapting flange			
		M ₅ :for 0.9mm loose tube or 3mm cable				M ₆ :for 0.9mm loose tube or 3mm cable				

Ordering Information

S=Star T=Tree	S=Single Window T=Tow-window	M	Wavelength 0=1310nm& 1550nm 4=1550nm 5=1480nm 7=1310nm	Structure 14=1X4 24=2X4 18=1X8 28=2X8 A6=1X16 B6=2X16 E2=1X32 F2=2X32	Splitting Ratio 0=Even	Package M ₅ M ₆ M ₇ M ₈ M ₉	Grade P=Premium A=A grade	Fiber Type 1=SMF28	Pigtail M=0.9mm Loose tube L=3mm Cable F=Adapting Flange X=others	Fiber Length 0=0.5m 1=1.0m 2=1.5m 3=2.0m X=others	Connector or Flange 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 X=others
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Note: All specifications are before connectors and are subject to change without notice.