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

		M				0							
S=Star T=Tree	S=Single Window T=Tow-window		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

Note: All specifications are before connectors and are subject to change without notice.

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