

1x3 (3x3) Single Mode Narrowband Fused Splitter



Features / Benefits

- Compact package
- Low insertion loss
- High directivity
- Low polarization dependent loss

Applications

- Optical communication system
- Optical power distribution system
- Fiber optic sensors
- Optical test system

Specifications

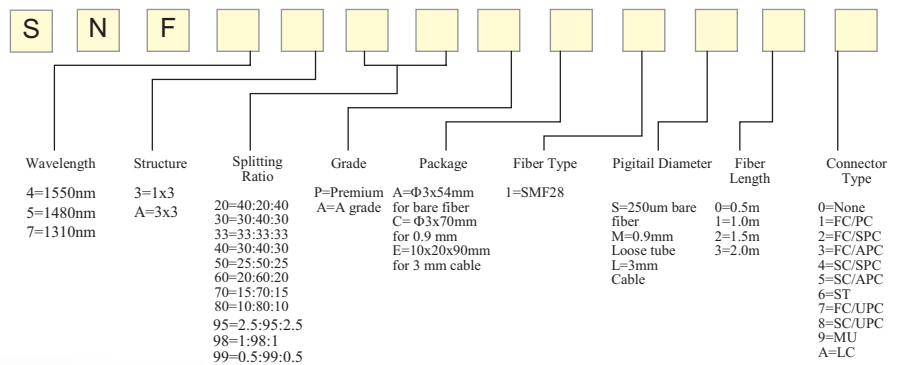
Parameter	Unit	33 : 33 : 33				
		Premium (1x3)	A grade (1x3)	Premium (3x3)	A grade (3x3)	
Bandwidth	nm	± 10				
Insertion Loss	Max.	dB	5.4	5.7	6.0	6.5
Excess Loss	Typ.	dB	0.15	0.2	0.3	0.4
Uniformity	Max.	dB	0.8	1.2	1.2	1.6
PDL	Max.	dB	0.05	0.1	0.1	0.15
Return Loss	Min.	dB	50			
Operating Temperature	°C	-40 to +85				
Storage Temperature	°C	-50 to +85				

Note: Return loss without connector; insertion loss does not include connector

Splitting Ratio

Splitting Ratio & Insertion Loss Conversion Table								
Splitting Ratio			Maximum Insertion Loss (dB)					
			Premium			A grade		
Output Port1	Output Port2	Output Port3	Output Port1	Output Port2	Output Port3	Output Port1	Output Port2	Output Port3
40	20	40	4.5	7.8	4.5	4.8	8.2	4.8
35	30	35	5.2	5.7	5.2	5.4	6.0	5.4
33	33	33	5.4	5.4	5.4	5.7	5.7	5.7
30	40	30	5.7	4.4	5.7	6.0	4.7	6.0
25	50	25	6.6	3.4	6.6	7.0	3.6	7.0
20	60	20	7.4	2.8	7.4	7.7	3.0	7.7
15	70	15	9.0	2.1	9.0	9.4	2.4	9.4
10	80	10	10.8	1.1	10.8	11.2	1.3	11.2
5	90	5	14.7	0.65	14.7	15	0.8	15
2.5	95	2.5	17.8	0.40	17.8	18.1	0.5	18.1
1	98	1	21.5	0.25	21.5	22	0.3	22
0.5	99	0.5	24.5	0.25	24.5	25	0.3	25

Ordering Information



This product information is subject to change without notice.