1x3 Single Mode Ultra-Low PDL Narrowband Fused Splitter

Specifications

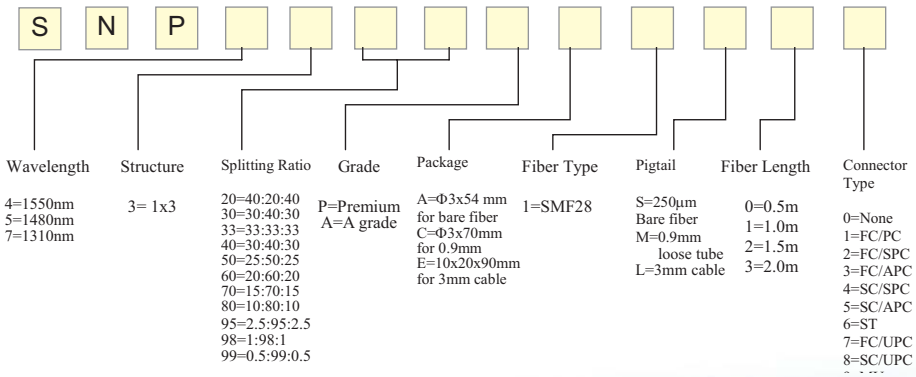
Parameter		Unit	33 : 33 : 33	
			Premium	A grade
Bandwidth		nm	± 10	
Insertion Loss	Max.	dB	5.4	5.7
Excess Loss	Typ.	dB	0.15	0.2
Uniformity	Max.	dB	0.8	1.2
PDL	Max.	dB	0.03	0.05
Return Loss	Min.	dB	50	
Operating Temperature		°C	-40 to +85	
Storage Temperature		°C	-50 to +85	

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



Features / Benefits

- Ultra-low PDL
- Low excess loss

Applications

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

This product information is subject to change without notice.