

1x3 Ultra-Low PDL Narrowband Splitter

Features of our splitter:

- Ultra-Low PDL
- Low Insertion Loss
- High Directivity
- Stable and Reliable
- Compact size

Applications for our splitter:

- Optical Communication System
- Optical Testing System
- Optical Fiber Sensor
- Optical Power Distributor

Specifications:

Specification			Splitting Ratio: 33:33:33	
Parameter		Unit	Premium	A grade
Port Configuration			1x3	
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	0.07
Return Loss	Min.	dB	50	
Operating Temperature		°C	-40 to +85	
Storage Temperature		°C	-50 to +85	
Package Type		mm	S6	Diam. 3x54: for bare fiber
			S8	Diam. 3x70 for 0.9mm loose tube
			M2	7.5x18x90 for 0.9mm loose tube or 3mm cable

Splitting Ratio & Insertion Loss Conversion Table (1x3 Structure Only)

Splitting Ratio	Maximum Insertion Loss (dB)	
	Premium	A grade

	Output Port 1	Output Port 2	Output Port 3	Output Port 1	Output Port 2	Output Port 3
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:

- Wavelength: 1550, 1480, 1310nm
- Structure: 1x3
- Splitting Ratio: 33:33:33
- Grade: Premium (P), A grade
- Fiber type: SMF-28
- Pigtail: 250um bare fiber, 0.9mm loose tube, 3mm cable
- Fiber length: 0.5m, 1.0m, 1.5m, 2.0m

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales2@o-eland.com