

1x2 (2x2) Single Mode 1310/1550nm Broadband Fused Splitter



Specifications

Parameter	Unit	50 : 50		
		Premium	A grade	
Bandwidth	nm	1310± 40 & 1550± 40		
Insertion Loss	Max.	dB	3.6	3.9
Excess Loss	Typ.	dB	0.07	0.1
Uniformity	Max.	dB	0.8	1.2
PDL	Max.	dB	0.15	0.2
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	
Out Port1	Out Port2	Out Port1	Out Port2	Out Port1	Out Port2
50	50	3.6	3.6	3.9	3.9
60	40	2.7	4.7	2.9	5.0
70	30	1.9	6.0	2.1	6.4
80	20	1.2	7.9	1.4	8.5
90	10	0.6	11.3	0.8	12.7
95	5	0.4	15.2	0.5	18.9
98	2	0.3	19.8	0.4	21
99	1	0.3	23.5	0.4	24

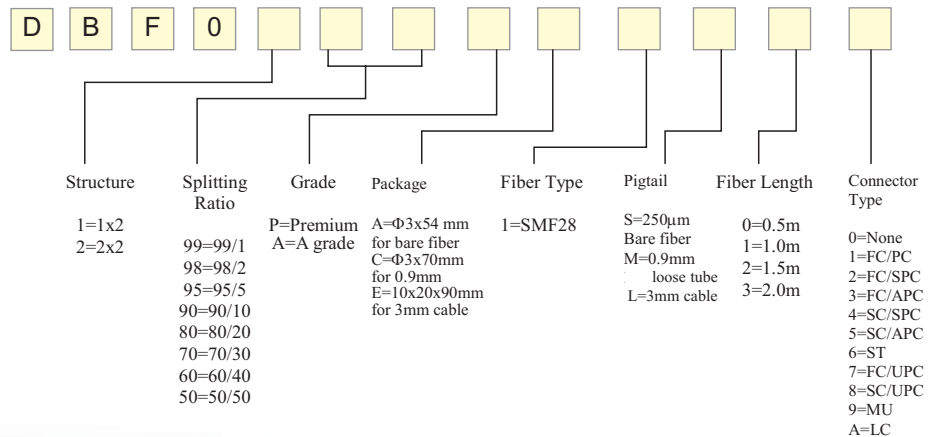
Features / Benefits

- Compact package option
- Low excess loss
- Low polarization dependent loss

Applications

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

Ordering Information



This product information is subject to change without notice.