

Single Mode Dual Window Broadband Coupler

Product Features :

Low PDL
 Low Insertion Loss
 High Directivity
 Highly Stable

Product Applications :

CATV
 Optical Communication Systems
 Optical Test Sets

Parameter		Specification	Unit
Splitting Ratio		50:50	
Port Configuration		1x2 or 2x2	
Wavelength		1310±40 & 1550±40	nm
Insertion Loss	Max.	≤3.6	dB
Uniformity	Max.	≤0.7	dB
PDL	Max.	≤0.15	dB
Return Loss	Min.	1x2 ≥ 55 2x2 ≥65	dB
Storage and Operating temperatures		-40 ~ +85	°C
Dimensions - Light Duty (L)		∅3 x 55	mm
Dimensions - Medium Duty (M)		∅3 x 60	mm
Dimensions - Heavy Duty (H)		12 x 8 x 100	mm

Splitting Ratio & Insertion Loss Table (no connectors)		
Splitting Ratio	Maximum Insertion Loss (dB)	
	Port1	Port2
50:50	3.6	3.6
60:40	2.7	4.7
70:30	1.9	6.0
80:20	1.2	7.9
90:10	0.6	11.3
95:5	0.4	15.0
98:2	0.4	20.5
99:1	0.3	23.5

Single Mode Dual Window Coupler ordering information:



Structure:
1= 1 x 2
2=2 x 2



Splitting Ratio
99=99:1
98=98:2
95=95:5
90=90:10
80=80:20
70=70:30
60=60:40
50=50:50



Fiber Length:
1 = 1 m
2 = 2 m
S=Special



Package:
L=Bare fiber
H=3mm Cable
M=900u loose tube



Connector:
0= None
1= FC/PC
2= FC/APC
3= SC/PC
4= SC/APC
5= LC/UPC