

Single Mode Single Window Broadband Coupler

Product Features :

Low PDL
 Low Insertion Loss
 High Directivity
 Highly Stable

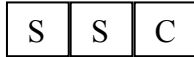
Product Applications :

CATV
 Optical Communication Systems
 Optical Test Sets

Parameter		Specification	Unit
Splitting Ratio		50:50	
Port Configuration		1x2 or 2x2	
Wavelength		1550±40	nm
Insertion Loss	Max.	≤3.5	dB
Uniformity	Max.	≤0.5	dB
PDL	Max.	≤0.1	dB
Return Loss	Min.	≥ 55	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 120	mm

Splitting Ratio & Insertion Loss Table (no connectors)		
Splitting Ratio	Maximum Insertion Loss (dB)	
	Port 1	Port 2
50:50	3.5	3.5
60:40	2.5	4.4
70:30	1.8	5.6
80:20	1.1	7.4
90:10	0.6	10.8
95:5	0.4	14.0
98:2	0.3	18.0
99:1	0.2	21.0

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