

Power Splitter/Combiner

2 Way-0° 50Ω 1000 to 2000 Mhz OPD1000-2000-2-S

Features

- low insertion loss, 0.25 dB typ.
- good isolation, 25 dB typ.
- up to 10W power input as splitter
- excellent amplitude unbalance, 0.1 dB typ.
- excellent phase unbalance, 0.5 deg. typ.
- excellent VSWR, 1.1:1 typ.

Applications

- GPS
- satellite distribution
- PCS/DCS
- communications systems

Maximum Ratings

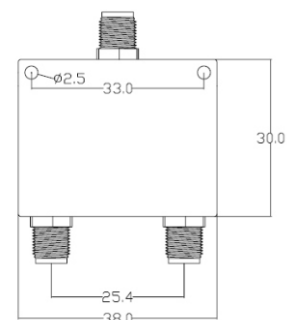
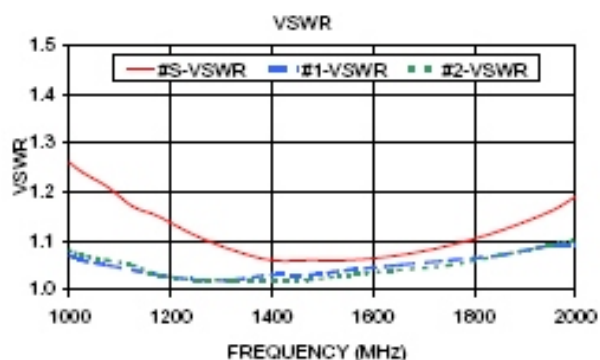
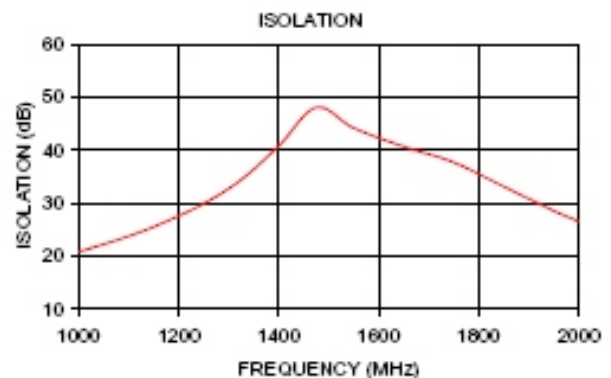
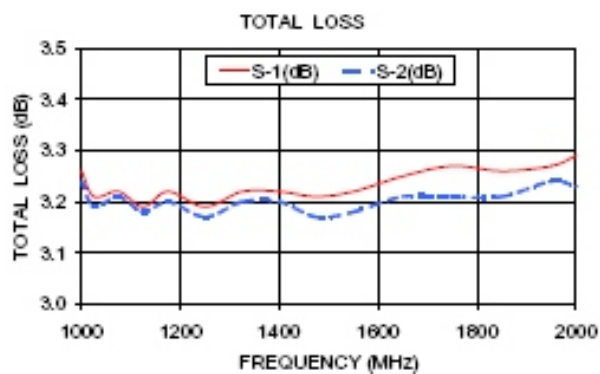
Operating Temperature	-40° C to 85° C
Storage Temperature	-55° C to 100° C
Power Input (as a splitter)	10W max.
Internal Dissipation	0.125W max.

Permanent damage may occur if any of these limits are exceeded.



Electrical Description

1	Frequency	1000-2000MHz	
2	Insertion Loss Max.	0.6dB	ABOVE 3 dB
3	Isolation Min.	19dB	
4	Phase Unbalance (Dgree) Max.	2.0°	
5	Amplitude Unbalance Max. .	0.2dB	
6	VSWR Max.	1.26:1	
7	Power handing Max. (watt)	10watt	
8	Connectors	SMA/BNC/N	
9	Impedance	50 Ohm	



Outline Drawing