

Power Splitter/Combiner

2 Way-0° 50Ω 800 to 2200 Mhz OPD800-2200-2-S

Features

- wide bandwidth, 800 to 2200 MHz.
- excellent isolation, 25 dB typ.
- excellent amplitude unbalance, 0.01 dB typ.
- very good phase unbalance, 1 deg. typ.
- small size
- low cost

Applications

- PCN
- GPS
- defense
- communications
- DCS
- GSM
- cellular
- WCDMA

Maximum Ratings

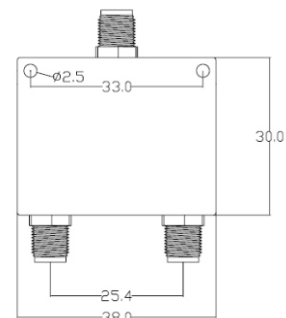
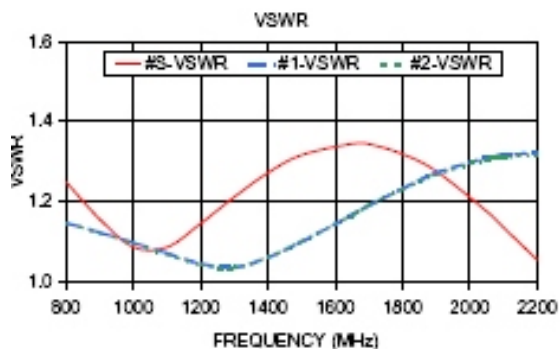
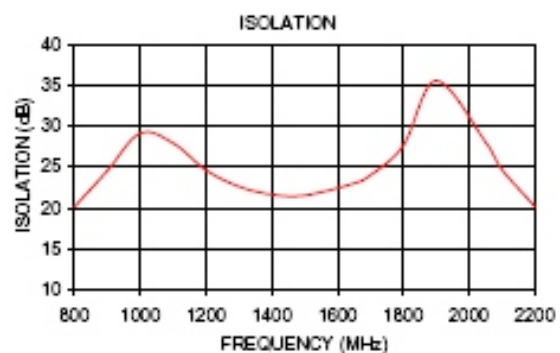
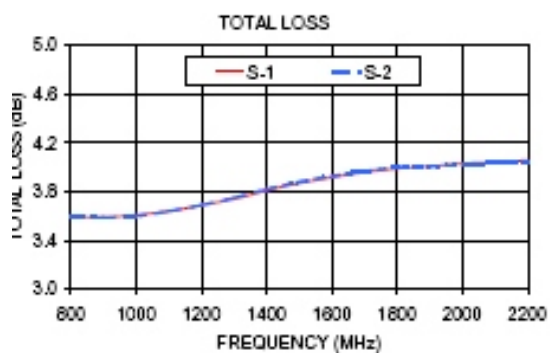
Operating Temperature	-40° C to 85° C
Storage Temperature	-55° C to 100° C
Power Input (as a splitter)	10W max.
Internal Dissipation	0.75W max.

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



Electrical Description

Item	Parameter	Value	Notes
1	Frequency	800-2200MHz	
2	Insertion Loss Max.	0.8-1.5dB	ABOVE 3 dB
3	Isolation Min.	17dB	24 dB Max.
4	Phase Unbalance (Dgree) Max.	4.0°	
5	Amplitude Unbalance Max. .	0.2dB	
6	VSWR Max.	1.34:1	
7	Power handing Max. (watt)	2watt	
8	Connectors	SMA/BNC/N	
9	Impedance	50 Ohm	



Outline Drawing



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