

# Power Splitter/Combiner

8 Way-0° 50Ω 1000 to 2000 MHz OPD1000-2000-8-S

## Features

- wideband, 1000 to 2000 MHz
- low insertion loss, 0.8 dB typ.
- good isolation, 24 dB typ.
- up to 10W power input as splitter

## Applications

- GPS
- PCS/DCS
- communication systems
- instrumentation

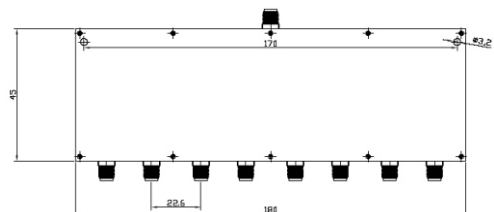
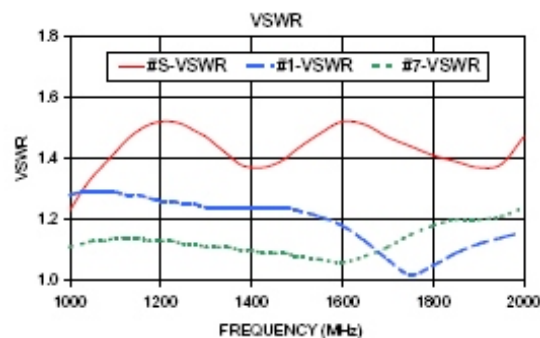
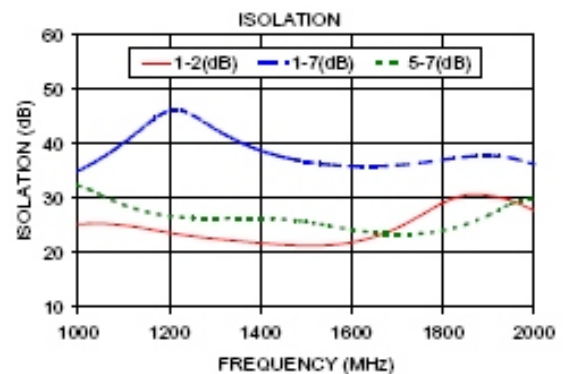
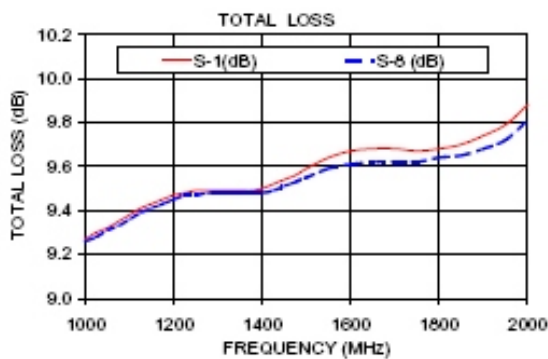
## Maximum Ratings

Operating Temperature	-40° C to 85° C
Storage Temperature	-55° C to 100° C
Power Input (as a splitter)	10W max.
Internal Dissipation	0.875W max.

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



Electrical Description			
1	Frequency	1000-2000MHz	
2	Insertion Loss Max.	0.8-1.3dB	ABOVE 9.0 dB
3	Isolation Min.	17dB	24 dB Max.
4	Phase Unbalance(Degree) Max.	18.0	
5	Amplitude Unbalance Max..	0.8dB	
6	VSWR Max.	1.52:1	
7	Power handing Max. (watt)	10watt	
8	Connectors	SMA/N	
9	Impedance	50 Ohm	



Outline Drawing



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