

## Power Splitter/Combiner

2 Way-0° 50Ω 2000 to 8000 Mhz OPD2000-8000-2-S

### Features

- very wideband, 2000 to 10000 MHz
- low insertion loss, 0.5 dB typ.
- excellent amplitude unbalance, 0.1 dB typ.
- rugged shielded case

### Applications

- instrumentation
- satellite communications
- defense communications

### 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.

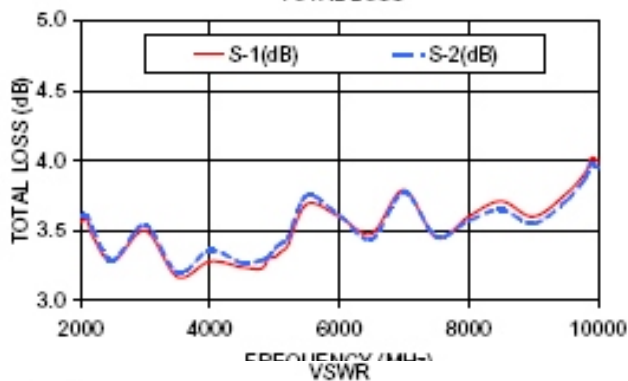
Permanent damage may occur if any of these limits are exceeded.



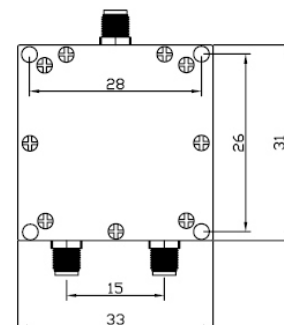
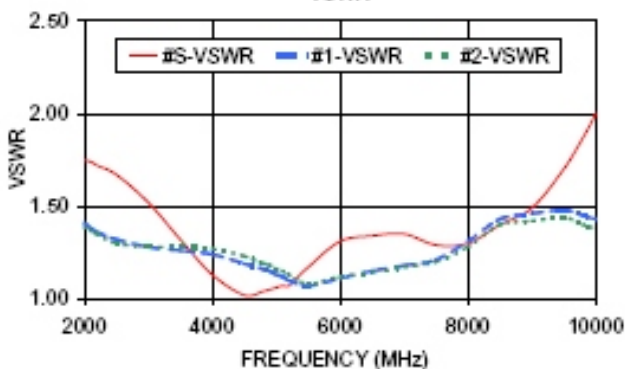
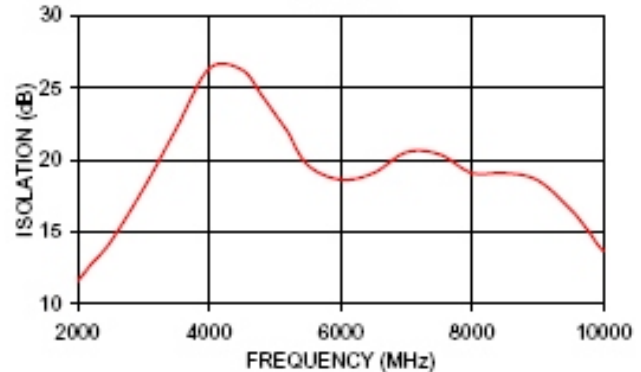
## Electrical Description

1	Frequency	2000-8000MHz	
2	Insertion Loss Max.	0.5-1.6dB	ABOVE 3 dB
3	Isolation Min.	9dB	20 dB Max.
4	Phase Unbalance(Dgree)Max.	7.0°	
5	Amplitude Unbalance Max. .	0.6dB	
6	VSWR Max.	1.80:1	
7	Power handing Max. (watt)	10watt	
8	Connectors	SMA	
9	Impedance	50 Ohm	

TOTAL LOSS



ISOLATION



Outline Drawing



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