



Power Splitter/Combiner

Features

- wideband, 5-500 MHz
- high isolation
- good input port matching
- good output port matching
- small surface mount package

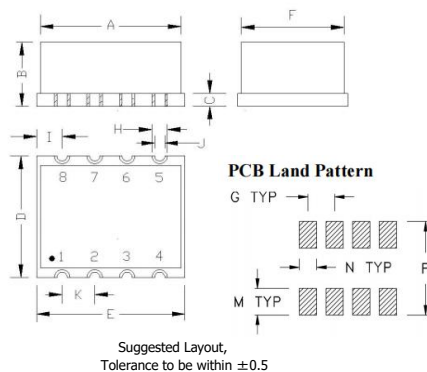
Applications

- VHF-TV
- aircraft communications

Transformer Electrical Specifications

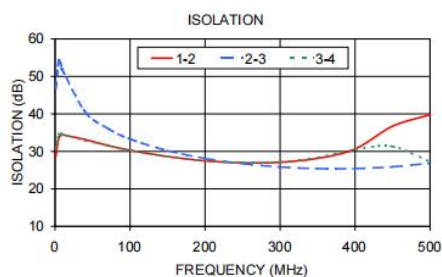
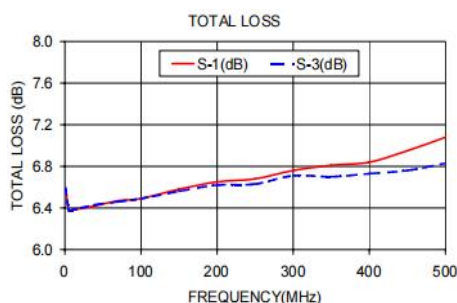
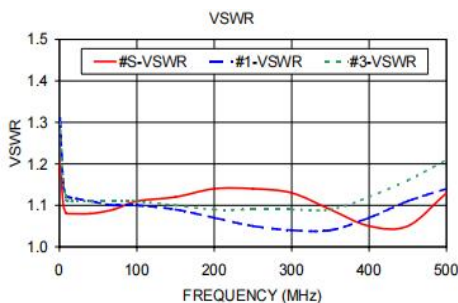
Freq. range (MHz)	Isolation(dB)		Insertion Loss (dB) Above 6.0 dB.		Phase Unbalance (Degrees)		Amplitude Unbalance (dB)	
	min	max	min	max	min	Max.	min	Max.
5-500	16	32	0.4	2.0	2	10	0.4	0.8

Outline Drawing



Outline Dimensions: Unit (mm)

A	11.00	G	2.54
B	5.40	H	1.21
C	1.00	I	2.00
D	9.50	J	0.80
E	11.80	K	2.54
F	8.40	M	2.0
N	1.52	P	10.67



JR-AD4PS-1+



4 Way-0° 50Ω 5 to 500 MHz

electrical schematic



Maximum Ratings

Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	0.5 W max.
Internal Dissipation	0.25W max.

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

Pin Connections

SUM PORT	2
PORT 1	8
PORT 2	7
PORT 3	6
PORT 4	5
GROUND	1, 3, 4