



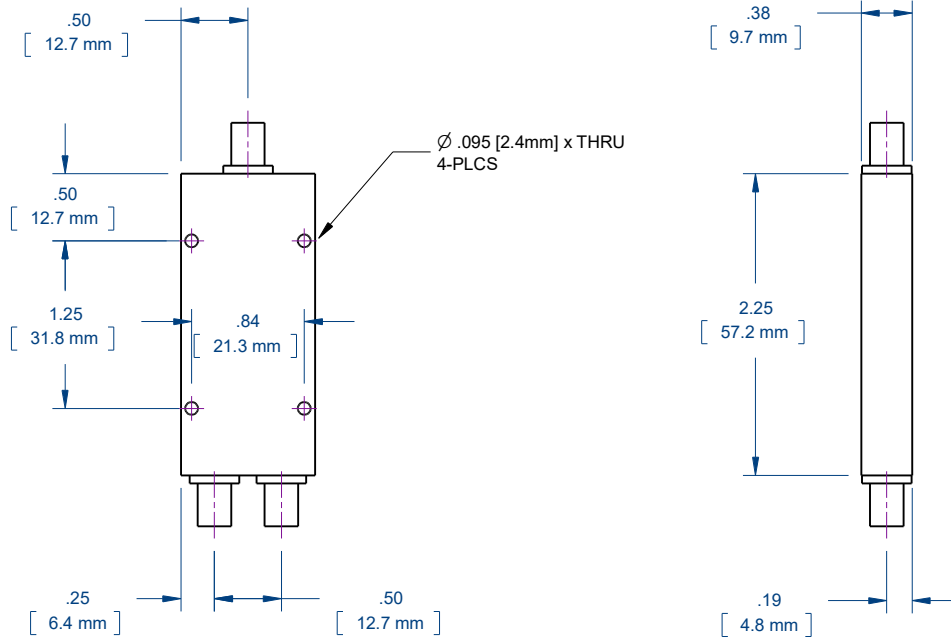
Made in U.S.A.

## Model WMPD02-2-18-S Power Divider

2-way, Stripline, 2-18GHz, SMA-Female

**RoHS**  
Compliant

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
[mm] SHOWN FOR CONVENIENCE  
TOLERANCES ON:  
2 PL DECIMALS: ± .03  
3 PL DECIMALS: ± .015  
ANGLES: ± 1°



Electrical Specifications	Min	Typ	Max	Unit	Notes
Frequency Range	2		18	GHz	
Impedance		50		Ohms	
Insertion Loss		0.5	0.9	dB	Above 3.01 dB loss due to splitting.
Amplitude Unbalance		0.1	0.3	dB	
Phase Unbalance		1.5	4	deg	
Isolation	16	20		dB	
Common Port VSWR		1.35	1.55	:1	
Split Ports VSWR		1.25	1.5	:1	
Input Power			10	W	Coherent splitting into load VSWR 1.20:1 max.

Mechanical Specifications	Min	Typ	Max	Unit	Notes
Operating Temperature	-55		+85	°C	Tested at +25 °C.
Storage Temperature	-55		+125	°C	
Relative Humidity			85	%	Non-condensing.
Operating Environment	Indoor use only.				
Enclosure Material	Aluminum Alloy 6061				
Enclosure Finish	RoHS Complaint Clear Chemical Film per MIL-DTL-5541 Class 3				
Connectors Material	Body: Stainless Steel 303 Contact Pin: Beryllium Copper, Gold Plate Insulator: PTFE				
Solder Alloy	Sn 96.5, Ag 3.0, Cu 0.5				

Specifications subject to change without notice.  
This document shall not form part of a contract.

 SIZE  
**A**

 CAGE CODE  
78YZ0

 DRWG NO.  
SPEC-WMPD02-2-18-S

 REV.  
2

SCALE 1 : N/A

SHEET



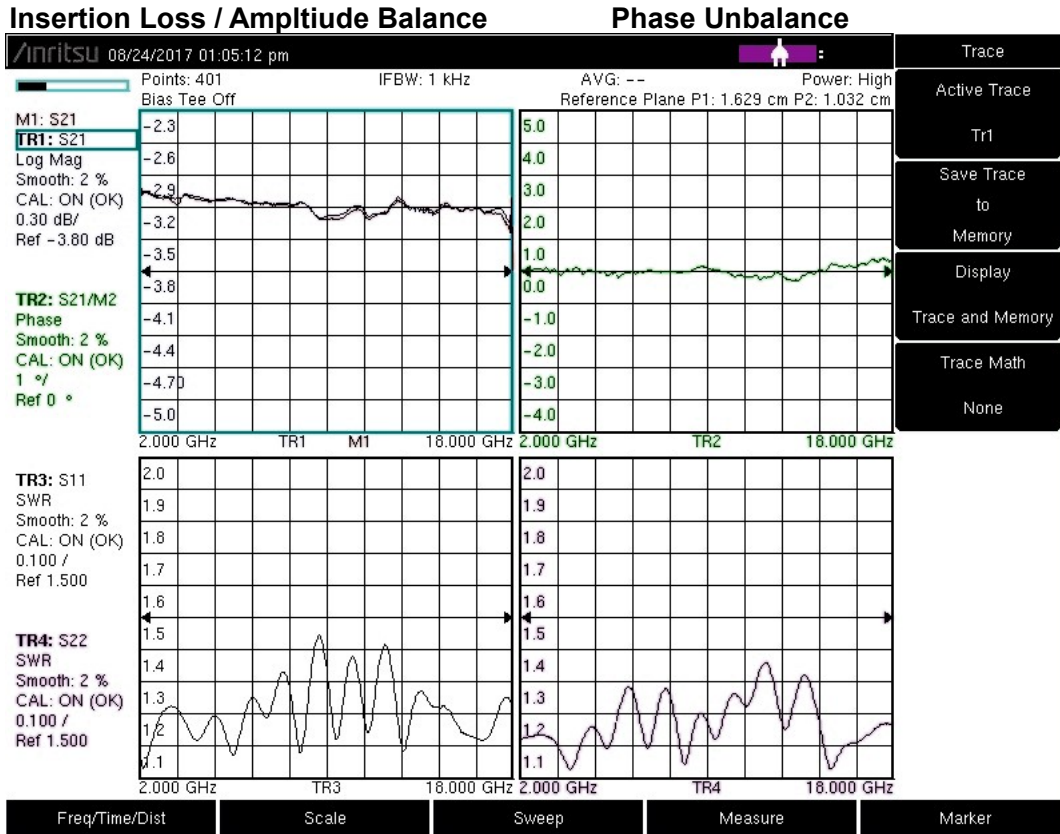
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### Typical Performance Test Data



### Input Return Loss

### Output Return Loss

### Isolation

