



Model WMPD08-2-4-X-B2 Power Divider

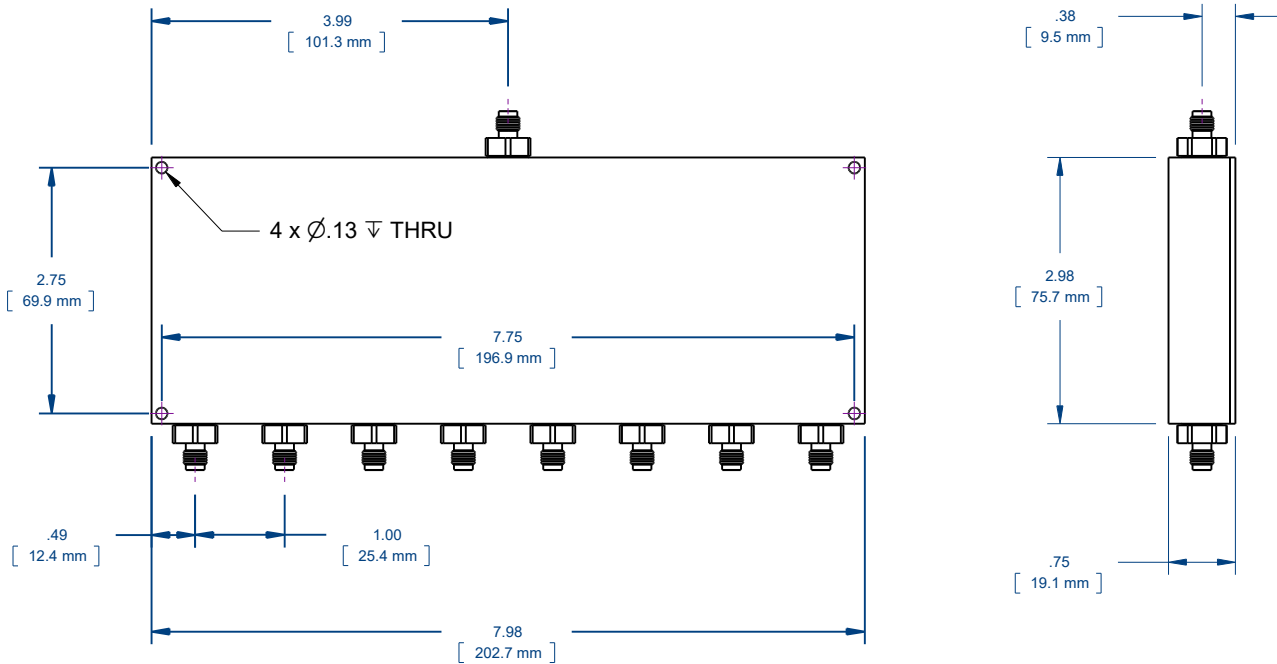
8-way Microstrip, 2-4GHz, SMA or N-Female

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°

TEST DATA
ON
NEXT PAGE

Connectors	Order Part Number
SMA-Female	WMPD08-2-4-S-B2
N-Female	WMPD08-2-4-N-B2
Other	Special, Consult Factory



Electrical Specifications	Min	Typ	Max	Unit	Notes
Frequency Range	2		4	GHz	
Impedance		50		Ohms	
Insertion Loss		< 1.1	1.6	dB	Above 9.03 dB loss due to splitting.
Amplitude Unbalance		0.3	0.8	dB	
Phase Unbalance		± 2	6	deg	
Isolation	20	25		dB	
Common Port VSWR		1.35	1.4	:1	
Split Ports VSWR		1.25	1.4	:1	
Input Power			30	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 and 5052
Enclosure Finish					RoHS Compliant 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-WMPD08-2-4-X-B2

REV.
1

SCALE 1 : N/A

SHEET



Made in U.S.A.

Model WMPD03-2-4-X-B2 Power Divider

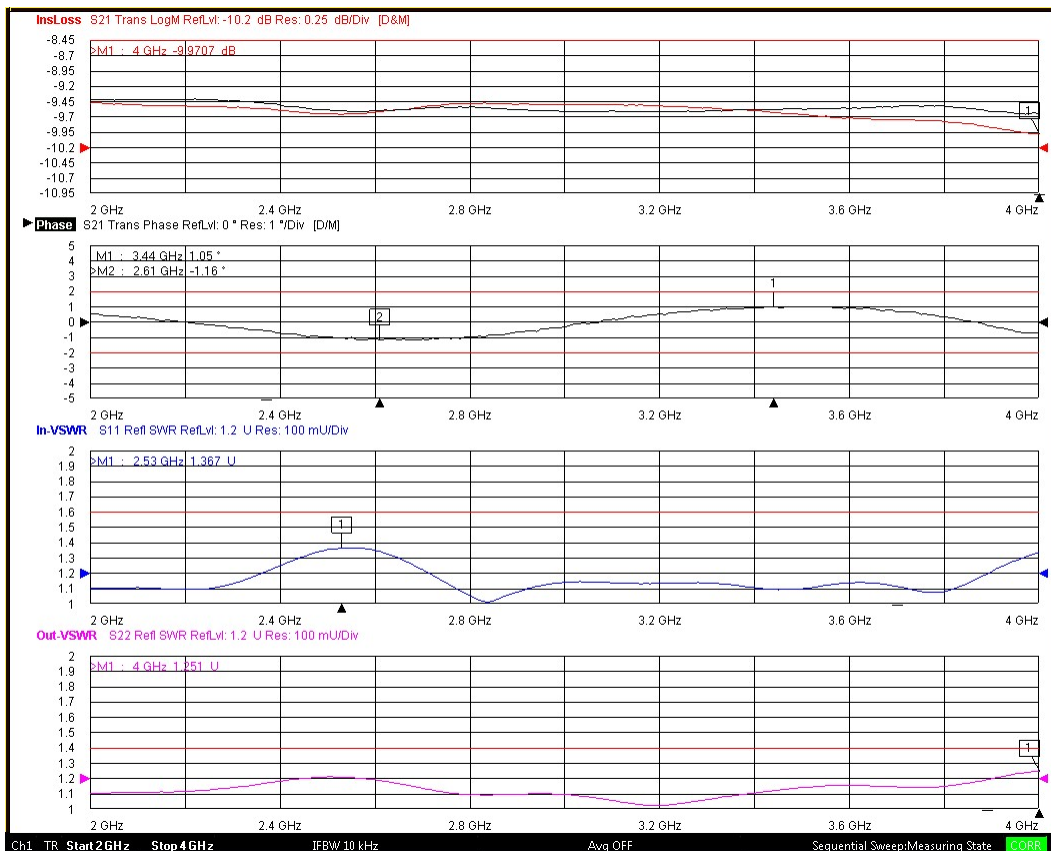
3-way Microstrip, 2-4GHz, SMA or N-Female

RoHS
Compliant

==TYPICAL TEST DATA PERFORMANCE==

Actual unit to unit performance may vary.

Insertion Loss
Amplitude Balance



Input Return Loss

Output Return Loss

Isolation

