



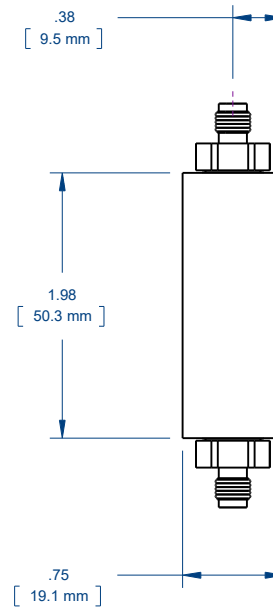
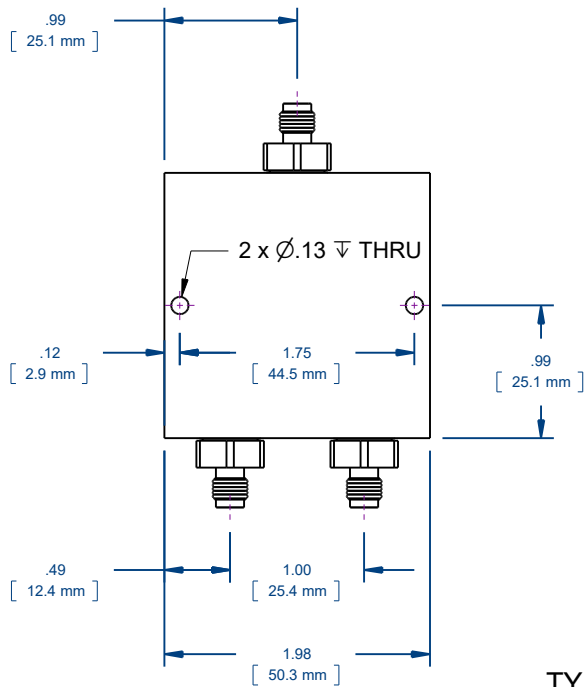
Model WMPD02-5-2500M-X-B2 Power Divider

2-way Microstrip, 5-2500MHz, 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°

Connectors	Order Part Number
SMA-Female	WMPD02-5-2500M-S-B2
N-Female	WMPD02-5-2500M-N-B2
Other	Special, Consult Factory



TYPICAL PERFORMANCE DATA ON FOLLOWING PAGE

Electrical Specifications	Min	Typ	Max	Unit	Notes
Frequency Range	5		2,500	MHz	
Impedance		50		Ohms	
Insertion Loss			2.4	dB	Above 3.01 dB loss due to splitting.
Amplitude Unbalance			0.5	dB	
Phase Unbalance		1	4	deg	
Isolation	16	20		dB	
Common Port VSWR		1.4	1.5	:1	
Split Ports VSWR		1.4	1.5	:1	
Input Power			1	W	Coherent splitting into load VSWR 1.20:1 max.
Mechanical Specifications	Min	Typ	Max	Unit	Notes
Operating Temperature	-40		+65	°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 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-WMPD02-5-2500M-X-B2

REV.
0

SCALE 1 : N/A

SHEET

WERBEL MICROWAVE LLC

622 Route 10 West, Unit 9, Whippany, NJ 07981
Tel. (973) 515-3001 - Fax. (973) 515-3004
www.WerbelMicrowave.com

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== TYPICAL PERFORMANCE DATA ==

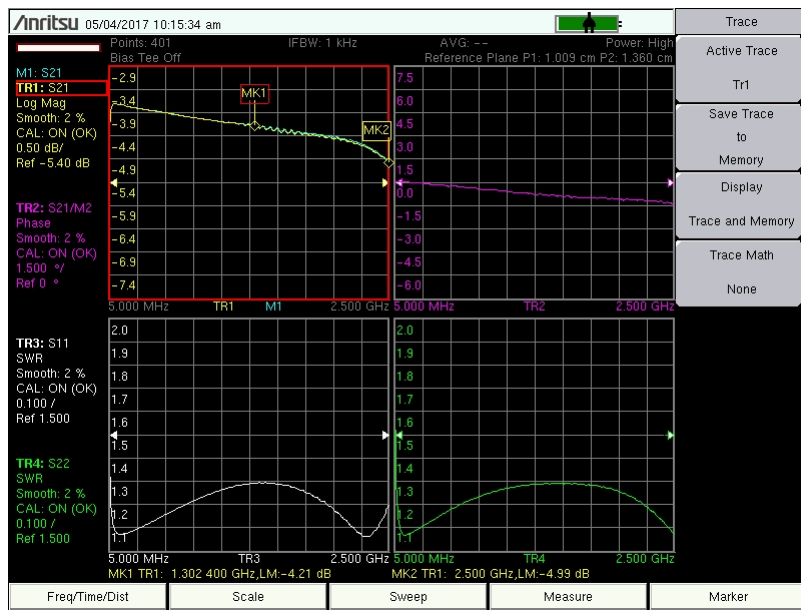
Actual unit-to-unit performance may vary.

Insertion Loss

Common Port
VSWR

Phase Balance

Output Port
VSWR



Isolation

