

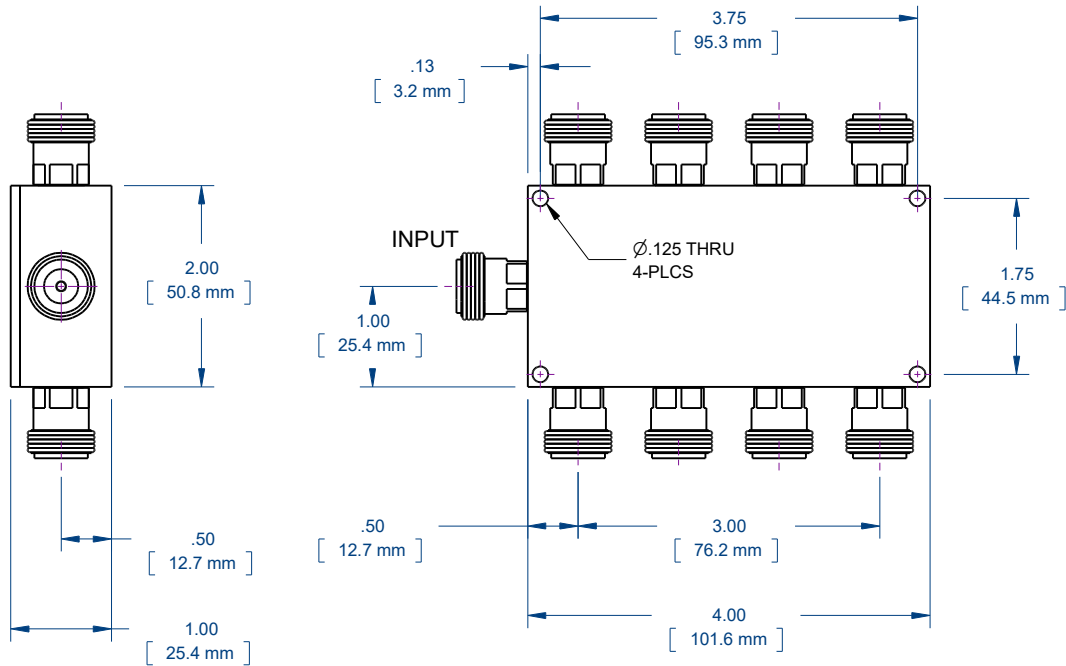


Model WMPD08-0.01-X-A1- Power Divider

8-way Microstrip, 10 MHz, N, BNC or SMA-Female, IP-67 Design

RoHS
Compliant

Connectors	Order Part Number
N Female	WMPD08-0.01-N-A1
BNC Female	WMPD08-0.01-B-A1
SMA Female	WMPD08-0.01-S-A1



Specifications	Min	Typ	Max	Unit
Frequency Range	10		10	MHz
Impedance		50		Ohms
Insertion Loss (above 9.03 dB)		0.5	0.6	dB
Amplitude Unbalance		0.05	0.2	dB
Phase Unbalance		0.5	2	deg
Isolation	30	36		dB
Common Port VSWR		1.16	1.25	:1
Split Ports VSWR		1.18	1.2	:1
Input Power as Coherent Splitter			1	W
Operating Temperature	-40		+65	°C

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

Housing Material: Aluminum Alloy 6061
 Cover Material: Aluminum Alloy 5052
 Finish:
 Clear Chem Film RoHS
 Grey Acrylic Enamel
 Connectors
 Body Material: Stainless Steel
 Insulators: PTFE
 Socket Contact: Beryllium Bronze with Gold Plating
 Solder Alloys Used:
 Sn 96.5, Ag 3.0, Cu 0.5 (Standard)
 Sn 42, Bi 57.6, Ag 0.4 (Low-Temperature)

Operating Environment:
 IP-67 design.
 Relative Humidity less than 90%, non-condensing.
 Power rating for load VSWR 1.20:1 max.

REPLACES P/N WMPD08-0.01-N-(IP67)-R
 Request Product Change Notice PCN-1004.

REV	DESCRIPTION	DATE	APPROVED
0	Redesign; new part number.	12-15-2017	ETW

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

SIZE A	CAGE CODE 78YZ0	DRWG NO. SPEC-WMPD08-0.01-X-A1	REV. 0
SCALE 1 : N/A		SHEET	