



2 WAY POWER DIVIDERS

PD2

FEATURES

- **STRIPLINE CONSTRUCTION**
Repeatable Performance
- **WIDE BANDWIDTH**
10 to 2000 MHz
- **LOW LOSS**
0.25 db Typ.

DESCRIPTION

TMI's Two way in-phase power dividers are low cost, High performance Torodial, Stripline components, Using the latest state of the art CAD Systems. This enables TMI to meet a wide variety of specifications without high development cost.



ELECTRICAL SPECIFICATIONS

Model No.	(1) Frequency Range (MHz)	(2) Isolation (dB) Min.	VSWR Max.		Insertion Loss (dB) Max.	Amplitude Balance (± db) Max.	Phase Balance (± degree) Max.	(3) Average Power(Watts) Load VSWR			(4) Figure	Unit Price 1-24
			Input	Output				1.2	2.0	∞		
PD2-A01	10-500	25	1.30	1.15	0.75	0.10	1.0	2	.5	.25	1,2	\$49.
PD2-A02	10-1000	25	1.35	1.20	1.00	0.20	2.0	2	.5	.25	1,2	\$49.
PD2-A03	10-2000	20	1.50	1.50	1.60	0.20	2.0	2	.5	.25	1,2	\$59.
PD2-A04	500-1000	20	1.50	1.30	0.50	0.20	2.0	10	5	.5	1	\$49.
PD2-A05	1000-2000	20	1.50	1.30	0.50	0.20	2.0	10	5	.5	1	\$49.
PD2-A06	2000-4000	20	1.50	1.20	0.50	0.20	2.0	10	5	.5	1,2	\$49.
PD2-A07	4000-8000	20	1.50	1.30	0.50	0.20	2.0	10	5	.5	1,2	\$49.
PD2-A08	8000-12000	20	1.50	1.50	0.50	0.20	2.0	10	5	.5	1,2	\$49.
PD2-A09	12000-18000	20	1.50	1.50	0.80	0.20	2.0	10	5	.5	1,2	\$59.
PD2-A10	500-2000	20	1.50	1.25	0.80	0.20	2.0	10	5	.5	1,2	\$59.
PD2-A11	1000-4000	20	1.50	1.30	0.80	0.20	2.0	10	5	.5	1,2	\$59.
PD2-A12	2000-8000	20	1.50	1.50	0.80	0.20	2.0	10	5	.5	1,2	\$59.
PD2-A13	3000-9000	20	1.50	1.30	0.50	0.20	2.0	10	5	.5	1,2	\$59.
PD2-A14	6000-18000	20	1.50	1.50	0.80	0.20	2.0	10	5	.5	1,2	\$69.

1-Bandwidth Available up to 36:1 ratio.

2-Higher Isolation Available.

3-Up to 500WCW Available

4-Contact factory for other outlines.

Connectors Available: SMA-Male

Impedance 50 Ohm Nominal

Temperature Range: -55 to +85°C

Finish: Grey Paint per MIL-E-15090 Type II CL2

Custom Design Available.

INTERNET <http://www.taylormw.com>

email: sales@taylormw.com

INTERNET <http://www.powerdividers.com>

email: sales@powerdividers.com

TAYLOR MICROWAVE, INC.

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OUTLINE DIMENSIONS

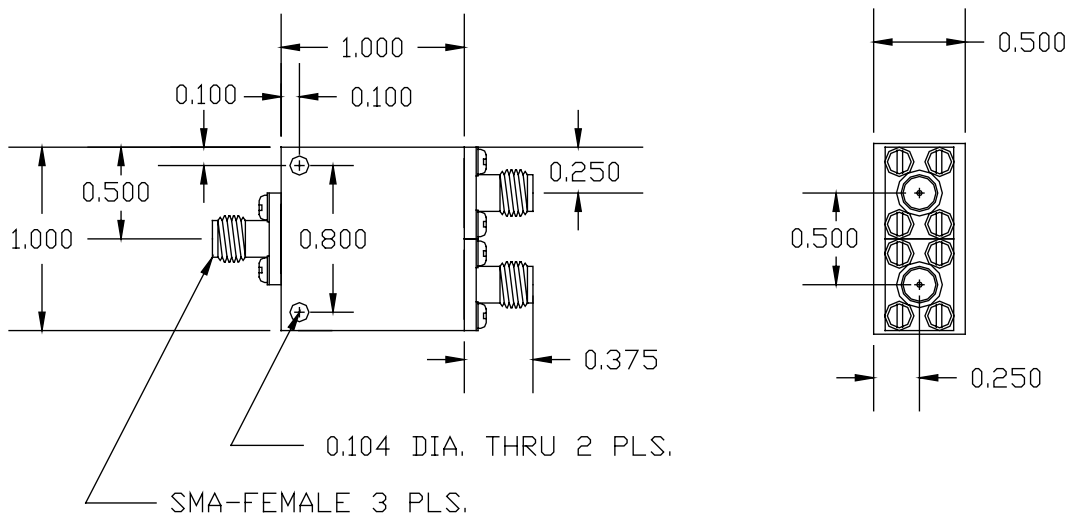


Figure 1.

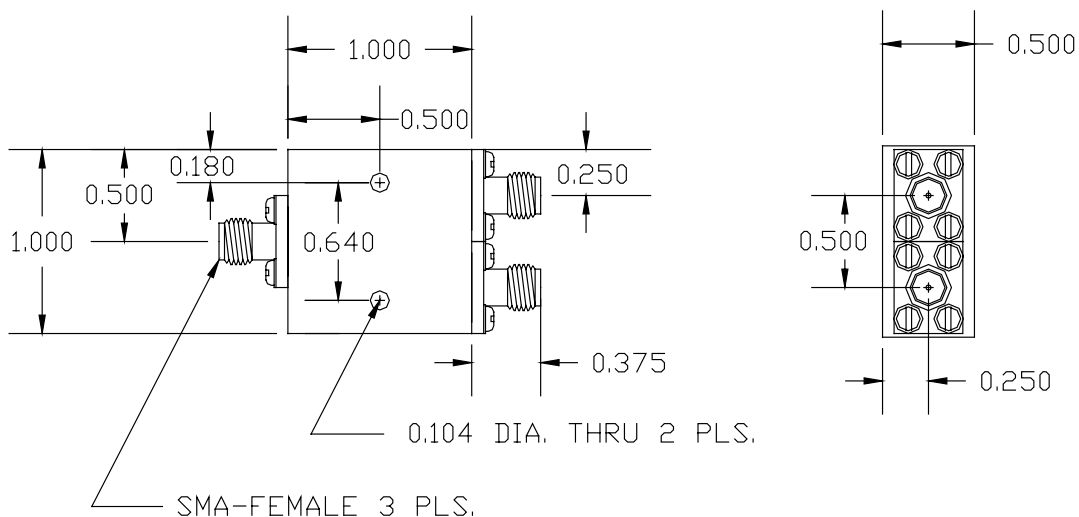


Figure 2.

Contact TMI for latest online drawings

Unless Otherwise Noted:
 .XXX = ±0.010, .XX = ±0.020
 All dimensions are in inches
 Connectors: SMA-Female, Stainless Steel Per MIL-C-39012, SMA-Male Available.
 Mounting Holes Diameters: 0.104 ± .005
 Other Outline Available.
 Custom connector spacing available.

Specifications Subject to change without notice.