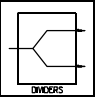


PDNL-40 Series 0° POWER DIVIDERS / COMBINERS

5 to 2000 MHz / 4-Way / Medium Power / Low Insertion Loss / Wide bandwidth / N-Type Package



PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range, MHz	Isolation, dB,		Insertion Loss, dB,		Phase Balance,		Amplitude Bal., dB,		VSWR, (In/Output)		Weight oz.(g) Nom.
		Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	
PDNL-40-100	5 - 200	25	30	1.25	0.8	3°	2°	0.2	0.1	1.3:1	1.2:1	9.5 (269)
PDNL-40-500	100 - 1000	20	25	1.5	1.0	5°	3°	0.5	0.3	1.5:1	1.3:1	9.5 (269)
PDNL-40-1500	1000 - 2000	20	25	2.0	1.5	5°	3°	0.5	0.3	1.5:1	1.3:1	9.5 (269)

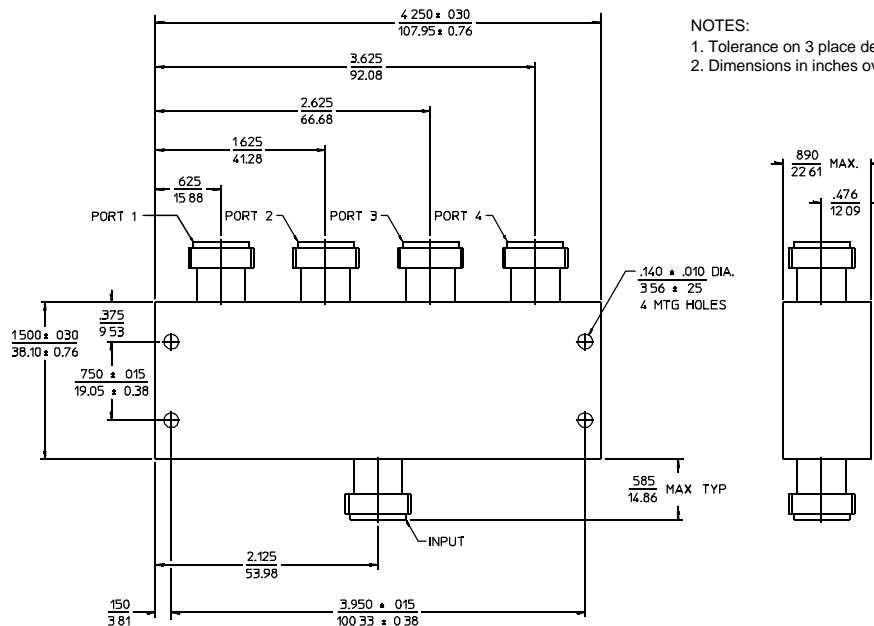
General Notes:

1. The PDNL-40 series of In-Line 4-way Power Dividers/ Combiners covers 5 to 2,000 MHz. Each uses a high performance lumped element design to achieve multi-octave bandwidths. Standard units are generally available from stock but close tolerance versions are available.

GENERAL SPECIFICATIONS

Nominal Coupling: - 6 dB
 Impedance: 50 Ω nom.
 CW Input Power: 5W max.
 (When used as divider with 1.2:1 VSWR_{out})
 Internal Load Dissipation: 250 mW max.
 Operating Temperature: - 55° to +85°C

Package Outline



NOTES:

1. Tolerance on 3 place decimals ±.020(.51) except as noted.
2. Dimensions in inches over millimeters.

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