

PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range, MHz	Freq. Perform., MHz	Isolation, dB		Insertion Loss, dB		Phase Balance		Amplitude Bal., dB		VSWR		Input Power* Max.
			Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	In	Out	
PDNL-80-500	20 - 1000	20 - 1000	20	25	2.5	2.0	8°	4°	0.6	0.3	1.5:1	1.3:1	10 W

*CW input power when used as divider with 1.2:1 VSWR_{out}

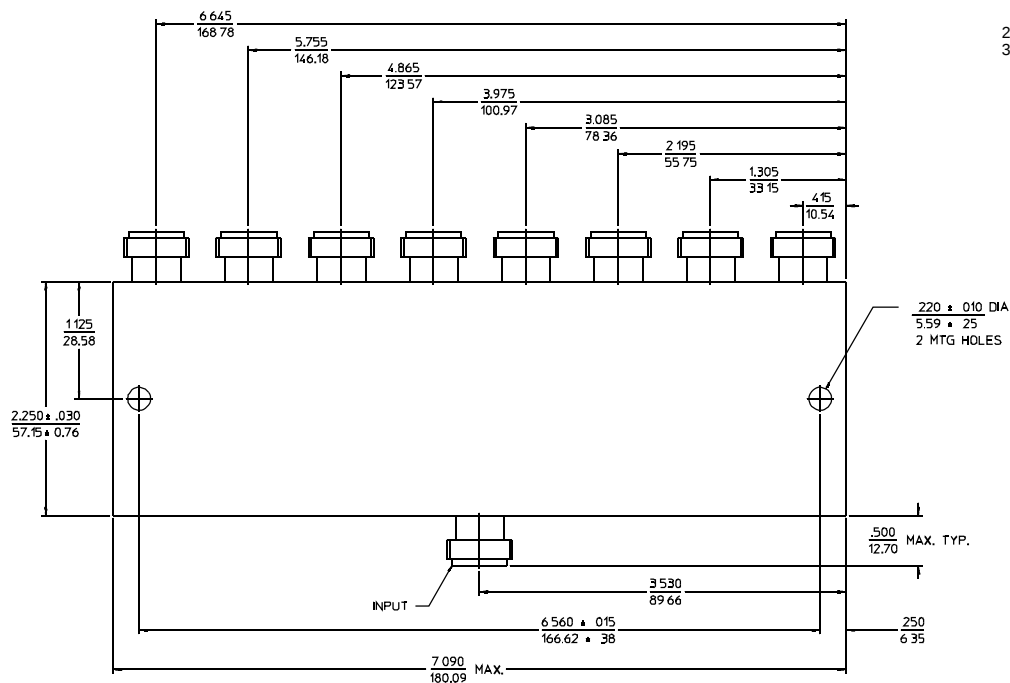
General Notes:

1. The PDNL-80-500 8-way In-Line Power Divider/Combiner covers 20 to 1000 MHz using a lumped element design for high performance in a convenient package.

GENERAL SPECIFICATIONS

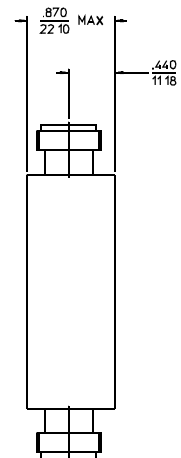
Coupling: – 9 dB nom.
 Impedance: 50 Ω nom.
 Internal Load Dissipation: 250 mW max.
 Weight, nominal: 16.0 oz. (454 g)
 Operating Temperature: – 55° to +85°C

Package Outline



NOTES:

1. Tolerance on 3 place decimals ±.020(.51) except as noted.
2. Dimensions in inches over millimeters.
3. Metric Equivalents are to nearest 0.01 mm.



22Feb96