



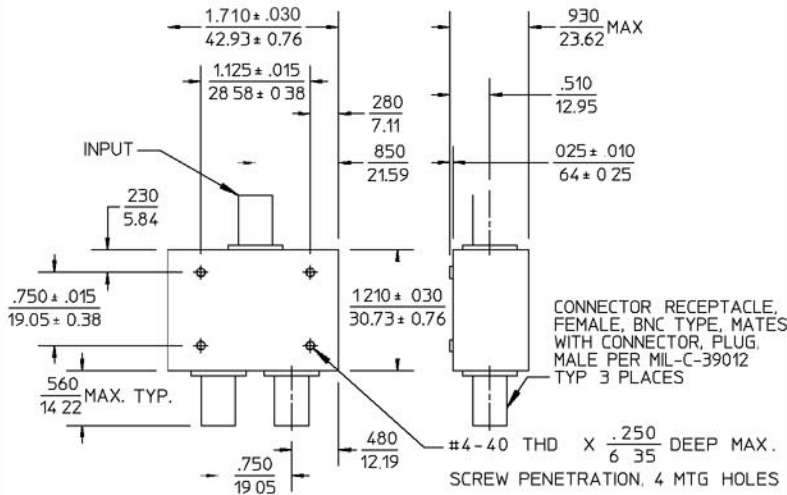
PRINCIPAL SPECIFICATIONS

Model Number	Freq. Range, MHz	Imped. Nominal, Ω	Isolation, dB		Insertion Loss, dB		Phase Balance		Amplitude Bal., dB		VSWR (In/Output)		Input Power [†] W, Max.
			Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	
PD-20-10	0.05 - 20	50	30	35	0.5	0.3	2°	1°	0.2	0.1	1.3:1	1.2:1	2
PD-20-50	1 - 100	50	30	35	0.5	0.3	2°	1°	0.2	0.1	1.3:1	1.2:1	3
PDB-20-100*	1 - 200	75	25	30	0.7	0.5	2°	1°	0.2	0.1	1.4:1	1.2:1	3
PD-20-250	50 - 500	50	30	32	0.6	0.5	2°	1°	0.2	0.1	1.3:1	1.2:1	3
	10 - 50	50	25	30	0.6	0.5	2°	1°	0.2	0.1	1.3:1	1.2:1	3
PDH-20-250	10 - 500	50	25	30	0.6	0.3	2°	1°	0.2	0.1	1.3:1	1.2:1	20
PD-20-500	5 - 1000	50	25	30	1.0	0.7	2°	1°	0.2	0.1	1.3:1	1.2:1	1

*BNC connector is standard on 50 Ω model

[†]CW power input when used as divider with 1.2:1 VSWR_{out}

Package Outline

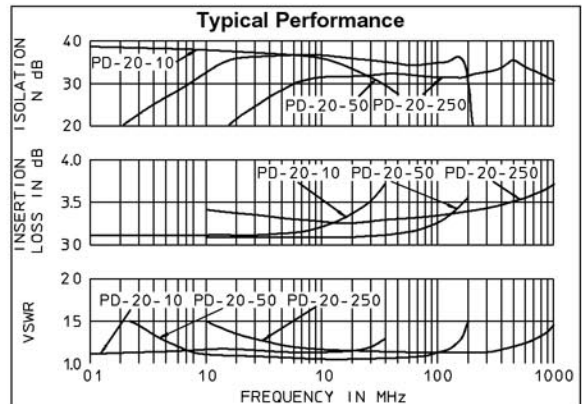


- NOTES: 1. Tolerance on 3 place decimals \pm .020(.51) except as noted.
2. Dimensions in inches over millimeters.
3. Weight, nominal: 2.5 oz (70 g).

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GENERAL SPECIFICATIONS

- Coupling: - 3 dB nom.
- Impedance: 50 Ω nom. except 75 Ω for PDB-20-100
- Internal Load Dissip.: 250 mW max. except 10 W for PDH-20-250
- Connectors: BNC Female to meet interface requirements of MIL-C-39012
- Operating Temp: - 55° to +85°C



Note: This series also includes 75 ohm and high power units for special applications. These are available for other bands to custom order.