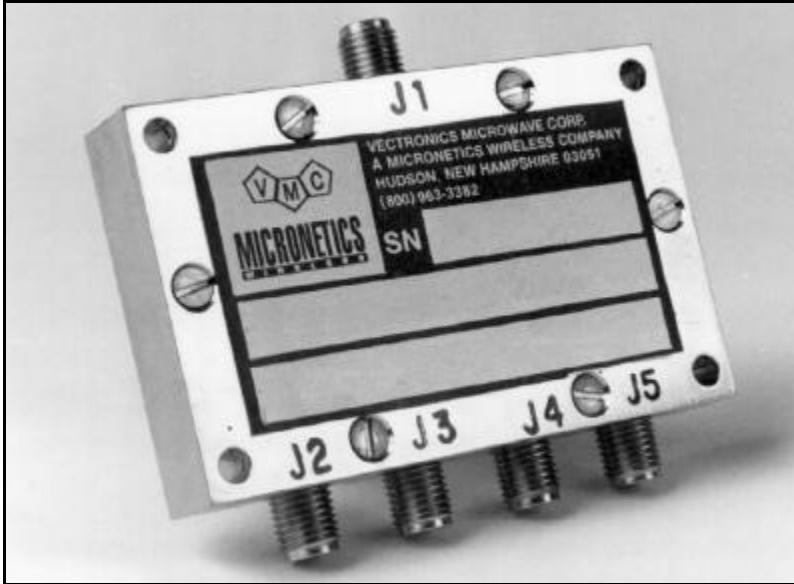


FOUR - WAY MULTI - OCTAVE ISOLATED POWER DIVIDERS / COMBINERS



TYPICAL SPECIFICATIONS

PART #	FREQ RANGE GHz	LOSS (MAX.) dB	VSWR (MAX.)	ISOLATION
PD04020-4M 3.3" X 2.75" X 0.4"	0.40 - 2.0	0.9	1.45:1	25 dB TYP. 20 dB MIN.
PD07540-4M 2.3" X 2.5" X 0.4"	.75 - 3.75	0.9	1.45:1	25 dB TYP. 20 dB MIN.
PD20900-4M 2.4" X 2.1" X 0.4"	2.0 - 9.0	1.0 2.0-6.0 GHz 1.25 6.0-9.0 GHz	1.60:1	25 dB TYP. 20 dB MIN.
PD45180-4M 2.1" X 1.5" X 0.4"	4.5 - 18.0	1.2 4.5-10.0 GHz 1.5 10.0-18.0 GHz	1.60:1	25 dB TYP. 18 dB MIN.

DESCRIPTION

These power dividers provide broadband performance and excellent stability. Phase and amplitude balance is $\pm 3^\circ$, $\pm .3$ dB. Power handling is 2 Watts average, 1 kW peak for load VSWRs up to 1.5:1. Standard units use SMA (F) connectors. Narrower band units can be provided with improved performance. Operating temperature is from -55° to $+85^\circ$ C. Higher power units available on request.

APPLICATIONS

- Beam forming networks for antenna arrays
- Local oscillator distribution networks
- Combining circuits for multiple signal sources



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