

Transmission Line Accessories



Directional Couplers

The model 8937 directional coupler monitors incident or reflected power. Other models with different coupling values and power capabilities are described below:

Specifications:

	9167	8938	8937
Frequency (MHz):	88-108	88-108	88-108
Loss:	0.1 dB (Max)	0.1 dB (Max)	0.1 dB (Max)
Directivity:	25 dB (Min)	25 dB (Min)	25 dB (Min)
Coupling:	45.2 dB	55.2 dB	60.0 dB
Power Rating:	1,000 W (Max)	10,000 W (Max)	30,000 W (Max)
Impedance:	50 Ohms	50 Ohms	50 Ohms
Main Line Connector*:	7/8" EIA	1 5/8" EIA	3 1/8" EIA

*Main Line Connectors are EIA swivel flanges. Coupled ports have type N female connectors.



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