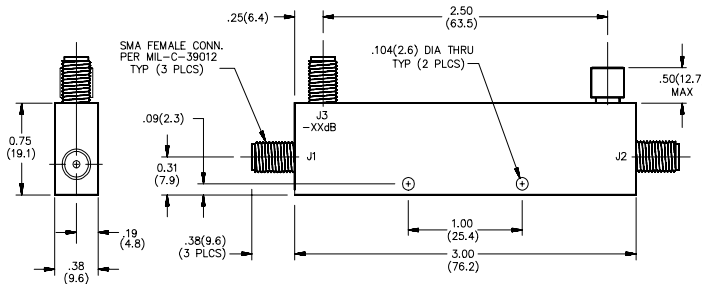


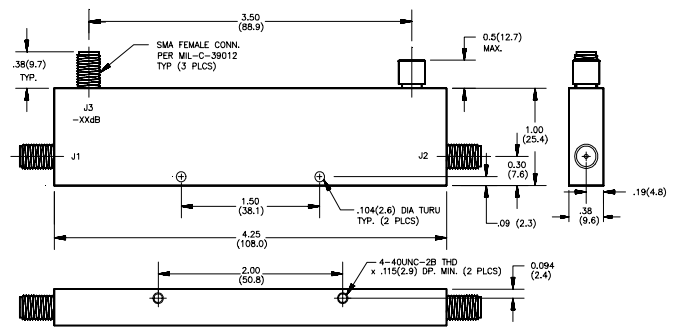
SMA Connector Interface Types

- Wireless - Cellular Frequency Bands
- PCS, IEEE 802.11, HiperLAN
- Ideal Base Station Component
- 50 Watts Power

Midwest Microwave offers this complete series of high performance Directional Couplers using SMA connector interfaces. They are ruggedly constructed stripline units that possess inherently low VSWR and high directivity. They are available in most of the popular wireless and cellular frequency bandwidths and are offered in two distinct package sizes utilizing two different mounting arrangements with identical performance characteristics.



Case Style 1



Case Style 2

Electrical Specifications

Frequency Range (MHz)	Case Style	Model Number	Coupling	Frequency Sensitivity	Insertion Loss (dB)	Directivity (dB)	VSWR (max)	Input Avg (W)	Power Refl Avg (W)	Peak (kW)
800 - 900	1 or 2*	CPW-8090-10-SMA-05	10 ± 0.50	± 0.15	0.20	30	1.15	50	20	3
		CPW-8090-20-SMA-05	20 ± 0.50	± 0.15	0.15	30	1.15	50	50	3
800 - 960	1 or 2*	CPW-8096-10-SMA-05	10 ± 1.00	± 0.50	0.25	27	1.15	50	20	3
		CPW-8096-20-SMA-05	20 ± 1.00	± 0.50	0.20	27	1.15	50	50	3
800 - 980	1 or 2*	CPW-8098-10-SMA-05	10 ± 0.75	± 0.30	0.25	25	1.10	50	20	3
		CPW-8098-20-SMA-05	20 ± 0.75	± 0.30	0.20	25	1.10	50	50	3
810 - 860	1 or 2*	CPW-8186-10-SMA-05	10 ± 0.50	± 0.10	0.20	30	1.15	50	20	3
		CPW-8186-20-SMA-05	20 ± 0.50	± 0.10	0.15	30	1.15	50	50	3
880 - 920	1 or 2*	CPW-8892-10-SMA-05	10 ± 0.50	± 0.10	0.20	30	1.15	50	20	3
		CPW-8892-20-SMA-05	20 ± 0.50	± 0.10	0.15	30	1.15	50	50	3
890 - 960	1 or 2*	CPW-8996-10-SMA-05	10 ± 0.60	± 0.20	0.25	27	1.15	50	20	3
		CPW-8996-20-SMA-05	20 ± 0.60	± 0.20	0.20	27	1.15	50	50	3

* Note: To specify case style 2, replace "CPW" with "CPC" in the Model Number.