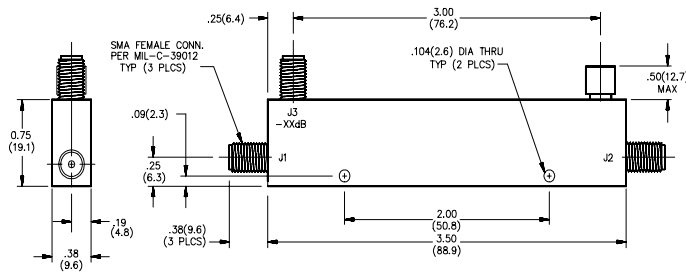


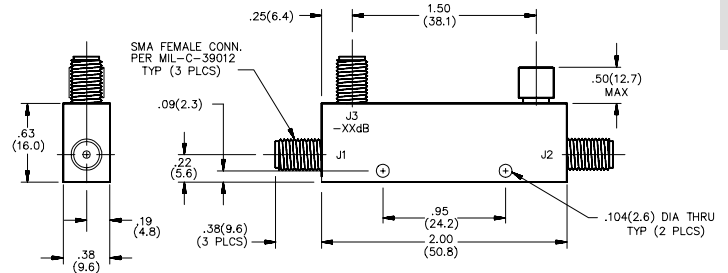
SMA Connector Interface Types

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

Midwest Microwave offers this extended series of high performance Directional Couplers using SMA connector interfaces to provide further coverage of the ever increasing wireless frequency bands. They are ruggedly constructed stripline units that possess inherently low VSWR and high directivity. They are offered in distinct package sizes utilizing convenient mounting arrangements with outstanding performance characteristics.



Case Style 3



Case Style 4

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 - 1990	3	CPW-8019-10-SMA-05	10 ± 1.00	± 0.60	0.50	18	1.20	50	20	3
		CPW-8019-20-SMA-05	20 ± 1.00	± 0.60	0.50	18	1.20	50	50	3
1700 - 1800	1 or 2*	CPW-1718-10-SMA-05	10 ± 0.50	± 0.10	0.20	30	1.15	50	20	3
		CPW-1718-20-SMA-05	20 ± 0.50	± 0.10	0.15	30	1.15	50	50	3
		CPW-1718-30-SMA-05	30 ± 0.60	± 0.20	0.15	30	1.15	50	50	3
1700 - 1990	1 or 2*	CPW-1719-10-SMA-05	10 ± 1.25	± 0.75	0.30	27	1.15	50	20	3
		CPW-1719-20-SMA-05	20 ± 1.25	± 0.75	0.25	27	1.15	50	50	3
		CPW-1719-30-SMA-05	30 ± 1.25	± 0.75	0.25	27	1.15	50	50	3
2400 - 2500	4	CPW-2425-10-SMA-05	10 ± 0.75	± 0.30	0.30	27	1.25	50	20	3
		CPW-2425-20-SMA-05	20 ± 0.75	± 0.30	0.30	27	1.25	50	50	3
		CPW-2425-30-SMA-05	30 ± 0.75	± 0.30	0.30	27	1.25	50	50	3
2400 - 5850	4	CPW-2458-10-SMA-05	10 ± 1.00	± 0.50	0.40	25	1.25	50	20	3
		CPW-2458-20-SMA-05	20 ± 1.00	± 0.50	0.40	25	1.25	50	50	3
		CPW-2458-30-SMA-05	30 ± 1.00	± 0.50	0.40	25	1.25	50	50	3
5150 - 5850	4	CPW-5158-10-SMA-05	10 ± 0.75	± 0.30	0.40	25	1.25	50	20	3
		CPW-5158-20-SMA-05	20 ± 0.75	± 0.30	0.40	25	1.25	50	50	3
		CPW-5158-30-SMA-05	30 ± 0.75	± 0.30	0.40	25	1.25	50	50	3