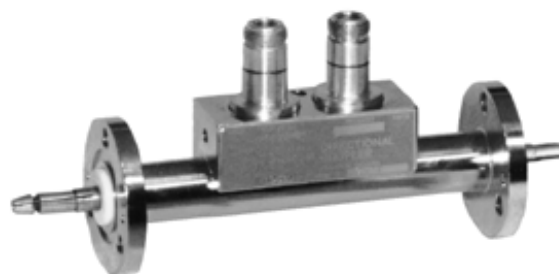


## Directional Couplers DC Output



MDI offers DC output, short-loop directional couplers in a wide selection of models. All feature superior coupling adjustability along with excellent power handling. Designs are available in unidirectional or bidirectional configurations, with positive or negative output, and cover a broad range of frequencies and bandwidths. Contact the factory with any nonstandard requirements.



### SPECIFICATIONS

### SERIES

	517	518	557	558	567	568	577	578
Frequency* (GHz)	0.1–3.0	0.1–3.0	0.1–6.0	0.1–6.0	0.1–6.0	0.1–6.0	0.1–6.0	0.1–6.0
Type	unidirectional	bidirectional	unidirectional	bidirectional	unidirectional	bidirectional	unidirectional	bidirectional
Impedance (Ohms)	50	50	50	50	50	50	50	50
Input power (Watts)	1,000	1,000	4,000	4,000	12,000	12,000	40,000	40,000
VSWR (mainline)	1.20:1	1.20:1	1.20:1	1.20:1	1.20:1	1.20:1	1.20:1	1.20:1
Directivity (dB–typ.)	20–25	20–25	20–25	20–25	20–25	20–25	20–25	20–25
Line type	RG-214	RG-214	7/8" EIA	7/8" EIA	1 5/8" EIA	1 5/8" EIA	3 1/8" EIA	3 1/8" EIA
Connectors	N, LC, SC	LC, N, SC	Flange	Flange	Flange	Flange	Flange	Flange

*\*Frequency listed is of the series. Actual bandwidths are frequency limited.*

