



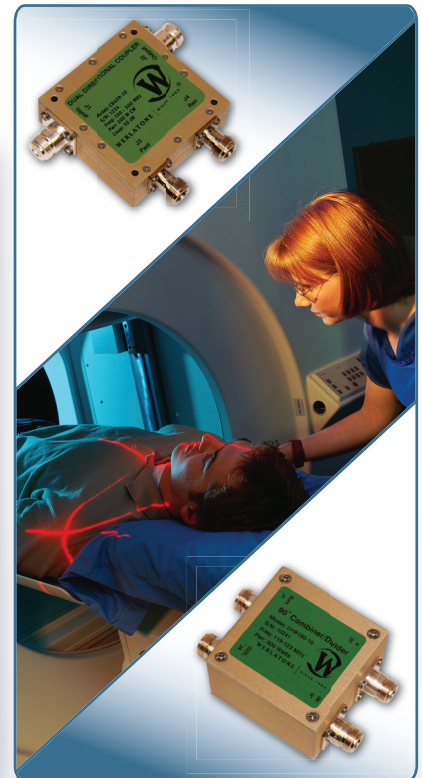
**WERLATONE®**

# WE ARE HIGH POWER Non-Magnetic Designs

- **Electrical performance unaffected in presence of Magnetic Field**
- High Power, Low Loss Designs may operate into High Load VSWR conditions at rated power
- Combiners & Dividers available with (Input-Input) Phase Spacing
- Custom Designs Available

## Directional Couplers

Model	Type	Coupling (dB)	Frequency (MHz)	Power (W CW)	Peak (W)	Insertion Loss (dB)	VSWR (ML)	Directivity (dB)	Size (Inches)
C8405	Dual	60	62-65	3,000	16,000	0.15	1.15:1	25	6 x 3 x 1.09
C7632	Dual	50	63-65	400	20,000	0.15	1.15:1	25	6 x 3 x 1.59
C7286	Dual	40	72-78	400	4,000	0.15	1.15:1	20	6 x 3 x 1.09
C8429	Dual	50	100-500	200	5,000	0.1	1.20:1	20	3 x 3 x 1.09
C8212	Dual	50	100-500	1,000	10,000	0.2	1.10:1	20	3 x 3 x 1.09
C8653	Dual	60	121-125	1,000	10,000	0.15	1.20:1	25	3 x 3 x 1.09
C8895	Dual	50	123-133	200	45,000	0.15	1.20:1	27	6 x 3 x 1.09
C6504	Dual	50	123-133	2,250	20,000	0.15	1.20:1	25	6 x 3 x 1.09
C7134	Dual	60	125-130	2,000	35,000	0.15	1.20:1	25	3 x 3 x 1.09
C7560	Dual	40	126-128	500	4,000	0.15	1.15:1	25	3 x 3 x 1.09
C7633	Dual	50	126-128	400	4,000	0.15	1.15:1	25	3 x 3 x 1.09
C8406	Dual	60	126-129	3,000	35,000	0.15	1.20:1	25	3 x 3 x 1.59
C7020	Dual	60	127-129	2,000	35,000	0.15	1.20:1	25	3 x 3 x 1.59
C6374	Dual	50	280-320	600	8,000	0.1	1.15:1	20	3 x 3 x 1.09
C6918	Dual	50	297-302	1,000	5,000	0.15	1.15:1	20	3 x 3 x 1.09
C7288	Dual	40	297-303	400	4,000	0.15	1.15:1	20	3 x 3 x 1.09



## Combiners & Dividers

Model	Input-Input (Phase-Spacing)	Frequency (MHz)	Power (W CW)	Peak (W)	Insertion Loss (dB)	VSWR	Isolation (dB)	Size (Inches)
QH3883	2-Way (90°)	63.5-64.5	200	4,000	0.4	1.30:1	30	4.5 x 3.5 x 2.2
QH8180	2-Way (90°)	119-123	500	4,000	0.3	1.20:1	20	3 x 3 x 1.88
D8301	2-Way (0°)	121-124	500	8,000	0.25	1.20:1	20	4 x 2 x 1.5
D7801	8-Way (90°)	121-124	75	7,500	0.75	1.25:1	20	10 x 8 x 2.25
D7743	16-Way (22.5°)	125-128	400	8,000	0.85	1.40:1	20	12 x 12 x 4
QH8589	2-Way (90°)	126-130	500	5,000	0.3	1.20:1	20	3 x 3 x 1.88
D6861	8-Way (45°)	290-300	200	4,000	0.5	1.25:1	20	10 x 8 x 2.25
D7167	16-Way (22.5°)	290-300	400	8,000	0.65	1.30:1	20	12 x 12 x 4
D7169	8-Way (45°)	390-400	200	2,500	0.5	1.25:1	20	10 x 8 x 2.25
D8066	4-Way (0°)	398-402	1,000	2,000	0.4	1.30:1	20	6 x 5 x 2.25
QH8065	4-Way (90°)	398-402	1,000	2,000	0.4	1.30:1	20	6 x 5 x 2.25
D7976	8-Way (0°)	398-402	400	8,000	0.5	1.25:1	20	10 x 8 x 2.25
D7977	16-Way (0°)	398-402	400	8,000	0.5	1.30:1	20	14 x 12 x 5

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