



WERLATONE

Founded in 1965, Werlatone, Inc. is a leading supplier of High Power RF components to customers worldwide. Our commitment to the highest quality, best performance, and on-time delivery places us among the most respected suppliers in the industry.

WE EXCEL when your specification requires a custom, high power, broadband solution. As year-to-year product sales consist of 65% custom components and 35% catalog items, our entire staff is dedicated to your individual specifications. Like most companies, we first address a customer's application with a similar design and then modify as necessary. Our true expertise becomes evident, however, when working with us on a unique application. Our extensive research and development program insures a comprehensive dialogue with respect to the latest high power, wideband techniques.

WE DESIGN our products to meet the most stringent operating conditions: Our Combiners, Dividers and Directional Couplers may operate into high load VSWR conditions, for extended periods, without damage. When specified, we design our Combiners to tolerate input transmitter failure(s). This insures that remaining transmitter(s) may continue to operate until the system can be properly shutdown for maintenance. Our Mismatch Tolerant® Directional Couplers allow continuous operation into open and short conditions.

For Non-Coherent Combining applications (combining two or more signals with different frequency, power, and/or phase onto a single run of coax), we provide designs which ensure proven heat dissipation techniques.

High Power Combiner/Splitter

6 - 175 MHz
100 Watts



5 Way Divider (Model D5423)

Insertion Loss	0.8 dB Max.
Isolation	15 dB Min.
Phase Balance	6° Max
Amplitude Balance	0.5 dB Max.
VSWR	1.50:1 Max.
Connectors	SMA (Input) SMA (Outputs)

20 - 500 MHz
400 Watts



8 Way Combiner (Model D5829)

Insertion Loss	0.75 dB Max.
Isolation	20 dB Min.
Phase Balance	5° Max
Amplitude Balance	0.3 dB Max.
VSWR	1.40:1 Max.
Connectors	N Female (Inputs) N Female (Output)

400 - 550 MHz
1,500 Watts



16 Way Combiner (Model D2711)

Insertion Loss	0.5 dB Max.
Isolation	20 dB Min.
Phase Balance	6° Max
Amplitude Balance	0.4 dB Max.
VSWR	1.35:1 Max.
Connectors	SMA (Inputs) SC (Output)