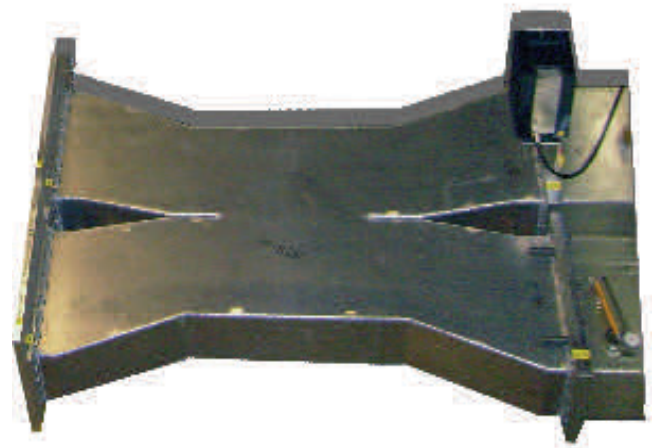




HIGH POWER UHF COMBINERS

JAMPRO RF SYSTEMS presents a line of waveguide hybrid combiners that are used to combine any number, even or odd, of transmitters into a common output. Computer aided design and construction techniques create a product that is second to none.

A typical two transmitter combiner uses one hybrid and two optional coax to waveguide crossbar transitions. A dump load must also be supplied for the isolated port, this load should be rated at half of the power of the a single transmitter.



TYPICAL SPECIFICATIONS

Frequency Band	UHF		
VSWR	1.08:1		
Insertion Loss	0.1 dB		
Transmitter Isolation	30 dB		
Channel	14 to 36	30 to 56	52 to 69
Type	WR 1800	WR 1500	WR 1150
Total Output Power (2 transmitters)	120 kW		
Size	in. 7 x 3.5 x 2.5	6 x 3 x 2.5	5.5 x 3 x 2
	mm. 178 x 89 x 64	152 x 76 x 64	140 x 76 x 51
Weight	lbs. 125	115	100
	kg. 56	51	45
Input Flange	EIA	6-1/8" Coax.	
Output Flange	EIA WR 180	WR 1500	WR 1150