

TRANSMITTER COMBINERS

UHF 300 - 650 MHz

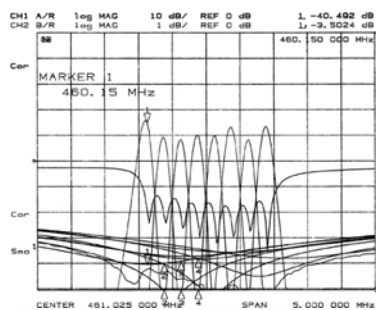
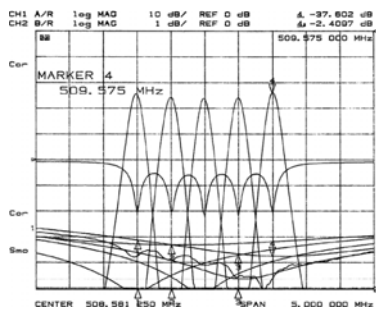
ELECTRICAL SPECIFICATIONS

Model Number	W65552/7	W65562/7	W65572/7	W65582/7
Frequency Band (MHz)	300-650	300-650	300-650	300-650
# of Channels	5	6	7	8
Max. Pwr Per Channel	125 W	125 W	125 W	125 W
Min. Frequency Spacing	300 KHz	300 KHz	300 KHz	300 KHz
Max. Insertion Loss	2.9 dB	3.1 dB	3.3 dB	3.5 dB
Min. Insertion Loss	2.3 dB	2.5 dB	2.7 dB	2.9 dB
Isolation Tx/Tx (min/typ)	70 / 80 dB	70 / 80 dB	70 / 80 dB	70 / 80 dB
Isolation Ant/Tx (min/typ)	60 / 70 dB	60 / 70 dB	60 / 70 dB	60 / 70 dB
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Max. VSWR In/Out	1.1:1 / 1.25:1	1.1:1 / 1.25:1	1.1:1 / 1.25:1	1.1:1 / 1.25:1
Isolator	Dual	Dual	Dual	Dual
Temperature Range	- 22 to +140 °F - 30 to +60 ° C	- 22 to +140 °F - 30 to +60 ° C	- 22 to +140 °F - 30 to +60 ° C	- 22 to +140 °F - 30 to +60 ° C

MECHANICAL SPECIFICATIONS

Cavity Dim (WxD)	Inches	7" x 7"	7" x 7"	7" x 7"	7" x 7"
	Metric	178 x 178	178 x 178	178 x 178	178 x 178
Finished Dim (HxWxD) (Max.)	Inches	22 3/4 x 19 x 19	22 3/4 x 19 x 19	29 3/4 x 19 x 19	29 3/4 x 19 x 19
	Metric	578 x 483 x 483	578 x 483 x 483	756 x 483 x 483	756 x 483 x 483
Connectors		N Female	N Female	N Female	N Female
Finish		EMR Gray	EMR Gray	EMR Gray	EMR Gray
Ship Weight: lbs.		73	100	114	133
	kg.	33.2	45.4	51.8	60.4

FILTER FERRITE



W65562/7

