

TRANSMITTER COMBINERS

UHF 300 - 650 MHz

FILTER FERRITE

ELECTRICAL SPECIFICATIONS

Model Number	W65512/7	W65522/7	W65532/7	W65542/7
Frequency Band (MHz)	300-650	300-650	300-650	300-650
# of Channels	Expansion	2	3	4
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	N/A	2.3 dB	2.5 dB	2.7 dB
Min. Insertion Loss	N/A	1.7 dB	1.9 dB	2.1 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	N/A	8 3/4 x 19 x 19	15 3/4 x 19 x 19	15 3/4 x 19 x 19
	Metric		223 x 483 x 483	401 x 483 x 483	401 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.	16	30	43	61
	kg.	7.3	13.7	19.5	27.7

W65522/7

