

TRANSMITTER COMBINERS

UHF 300 - 650 MHz

ELECTRICAL SPECIFICATIONS

Model Number	W65411/7	W65421/7	W65431/7	W65441/7
Frequency Band (MHz)	300-650	300-650	300-650	300-650
# of Channels	Expansion	2	3	4
Max. Pwr Per Channel	50 W	50 W	50 W	50 W
Min. Frequency Spacing	300 KHz	300 KHz	300 KHz	300 KHz
Max. Insertion Loss	N/A	2.1 dB	2.3 dB	2.5 dB
Min. Insertion Loss	N/A	1.5 dB	1.7 dB	1.9 dB
Isolation Tx/Tx (min/typ)	40 / 45 dB	40 / 45 dB	40 / 45 dB	40 / 45 dB
Isolation Ant/Tx (min/typ)	30 / 35 dB	30 / 35 dB	30 / 35 dB	30 / 35 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	Single	Single	Single	Single
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	N/A	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.		14	28	40	59
	kg.	6.4	12.8	18.2	26.8

