

TRANSMITTER COMBINERS

UHF 806 - 894 MHz

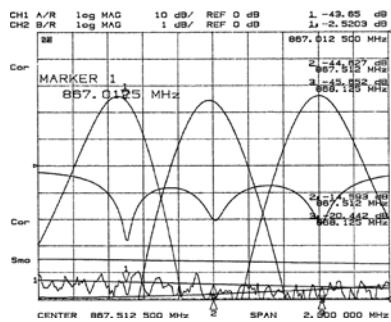
ELECTRICAL SPECIFICATIONS

Model Number	W66412/7C	W66422/7C	W66432/7C	W66442/7C	W66452/7C
Frequency Band (MHz)	806-894	806-894	806-894	806-894	806-894
# of Channels	Expansion	2	3	4	5
Max. Pwr Per Channel	50 W	50 W	50 W	50 W	50 W
Min. Frequency Spacing	500 KHz	500 KHz	500 KHz	500 KHz	500 KHz
Max. Insertion Loss	N/A	2.4 dB	2.6 dB	2.8 dB	3.0 dB
Min. Insertion Loss	N/A	1.5 dB	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	70 / 80 dB
Isolation Ant/Tx (min/typ)	60 / 70 dB	60 / 70 dB	60 / 70 dB	60 / 70 dB	60 / 70 dB
Impedance	50 Ω	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	1.1:1 / 1.25:1
Isolator	Dual	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	- 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"	7" x 7"
	Metric	178 x 178	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 12 1/2	15 3/4 x 19 x 12 1/2	15 3/4 x 19 x 12 1/2	22 3/4 x 19 x 12 1/2
	Metric		223 x 483 x 318	401 x 483 x 318	401 x 483 x 318	578 x 483 x 318
Connectors		N Female	N Female	N Female	N Female	N Female
Finish		EMR Gray	EMR Gray	EMR Gray	EMR Gray	EMR Gray
Ship Weight: lbs.		16	30	43	61	73
kg.		7.3	13.7	19.6	27.7	33.2

66432/7C



66452/7C

