

TRANSMITTER COMBINERS

UHF 894 - 960 MHz

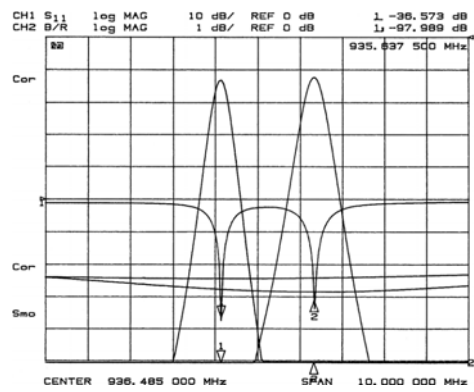
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ELECTRICAL SPECIFICATIONS

Model Number	W66512/7D	W66522/7D	W66532/7D	W66542/7D	W66552/7D	W66562/7D
Frequency Band (MHz)	894-960	894-960	894-960	894-960	894-960	894-960
# of Channels	Expansion	2	3	4	5	6
Max. Pwr Per Channel	125 W	125 W	125 W	125 W	125 W	125 W
Min. Frequency Spacing	500 KHz	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	3.2 dB
Min. Insertion Loss	N/A	1.5 dB	1.7 dB	1.9 dB	2.1 dB	2.3 dB
Isolation Tx/Tx (min/typ)	70 / 80 dB	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	60 / 70 dB
Impedance	50 Ω	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	1.1:1 / 1.25:1
Isolator	Dual	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	- 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"	7" x 7"
	Metric	178 x 178	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 16	15 3/4 x 19 x 16	15 3/4 x 19 x 16	22 3/4 x 19 x 16	22 3/4 x 19 x 16
	Metric		223 x 483 x 407	401 x 483 x 407	401 x 483 x 407	578 x 483 x 407	578 x 483 x 407
Connectors		N Female	N Female	N Female	N Female	N Female	N Female
Finish		EMR Gray	EMR Gray	EMR Gray	EMR Gray	EMR Gray	EMR Gray
Ship Weight: lbs.		18	32	45	63	75	102
kg.		8.2	14.6	20.5	28.6	34.1	46.3



W66562/7D