

TRANSMITTER COMBINERS

VHF 148 - 174 MHz

ELECTRICAL SPECIFICATIONS

Model Number	W64412/4C	W64422/4C	W64432/4C	W64442/4C	W64452/4C	W64462/4C
Frequency Band (MHz)	148-174	148-174	148-174	148-174	148-174	148-174
# of Channels	Expansion	2	3	4	5	6
Max. Pwr Per Channel	50 W	50 W	50 W	50 W	50 W	50 W
Suggested Freq Spacing	200 KHz	200 KHz	200 KHz	200 KHz	200 KHz	200 KHz
Max. Insertion Loss	N/A	2.8 dB	2.9 dB	3.0 dB	3.1 dB	3.2 dB
Min. Insertion Loss	N/A	1.7 dB	1.8 dB	1.9 dB	2.0 dB	2.2 dB
Isolation Tx/Tx	70 dB	70 dB	70 dB	70 dB	70 dB	70 dB
Isolation Ant/Tx	60 dB	60 dB	60 dB	60 dB	60 dB	60 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	4" x 4"	4" x 4"	4" x 4"	4" x 4"	4" x 4"	4" x 4"
	Metric	102 x 102	102 x 102	102 x 102	102 x 102	102 x 102	102 x 102
Finished Dim (HxWxD) (Max.)	Inches	N/A	32 1/2 x 19 x 6	32 1/2 x 19 x 6	32 1/2 x 19 x 6	32 1/2 x 19 x 9 5/8	32 1/2 x 19 x 9 5/8
	Metric		826 x 483 x 153	826 x 483 x 153	826 x 483 x 153	826 x 483 x 245	826 x 483 x 245
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.		16	29	42	55	70	82
kg.		7.3	13.2	19.1	25.0	31.8	37.2

