

MULTICOUPLERS

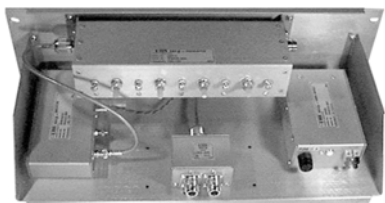
VHF 66 - 88 MHz

ELECTRICAL SPECIFICATIONS

Model Number	23102-1/P-5	23102-0/P-5	23104-1/P-5	23104-0/P-5	23108-1/P-5
Frequency Band (MHz)	66-88	66-88	66-88	66-88	66-88
# of Channels	2	2	3-4	3-4	5-8
Pass Band	3-8 MHz	3-8 MHz	3-8 MHz	3-8 MHz	3-8 MHz
# of Resonators	5	5	5	5	5
Rx/Rx Isolation	23+ dB	23+ dB	23+ dB	23+ dB	23+ dB
System Voltage	115 VAC	115 VAC	115 VAC	115 VAC	115 VAC
Amplifier Gain	+30 dB	+30 dB	+30 dB	+30 dB	+30 dB
Amplifier Type	Bipolar	Bipolar	Bipolar	Bipolar	Bipolar
Amplifier Noise Figure	3.0 dB	3.0 dB	3.0 dB	3.0 dB	3.0 dB
Amplifier 3rd Order IP	+42 dBm	+42 dBm	+42 dBm	+42 dBm	+42 dBm
Amplifier 1 dB Comp	+21 dBm	+21 dBm	+21 dBm	+21 dBm	+21 dBm
Amplifier Bias Voltage	13.6 VDC	13.6 VDC	13.6 VDC	13.6 VDC	13.6 VDC
Amplifier Current Draw	200 mA	200 mA	200 mA	200 mA	200 mA
System NF (typ.)	5.0 dB	5.0 dB	5.0 dB	5.0 dB	5.0 dB
Nominal Impedance	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω
Max. VSWR @ Resonance	1.25:1	1.25:1	1.25:1	1.25:1	1.25:1
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
List Price	\$1,585.00	\$1,615.00	\$1,615.00	\$1,655.00	\$1,845.00

MECHANICAL SPECIFICATIONS

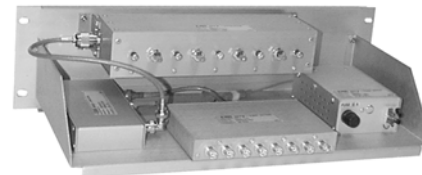
Dimensions: Inches (HxWxD)	5 1/4 x 19 x 10	5 1/4 x 19 x 10	5 1/4 x 19 x 10	5 1/4 x 19 x 10	5 1/4 x 19 x 10
Metric	134 x 483 x 254	134 x 483 x 254	134 x 483 x 254	134 x 483 x 254	134 x 483 x 254
Connectors: Input / Output	N / BNC	N / N	N / BNC	N / N	N / BNC
Ship Weight: lbs. / kg.	12 / 5.5	12 / 5.5	12 / 5.5	12 / 5.5	12 / 5.5



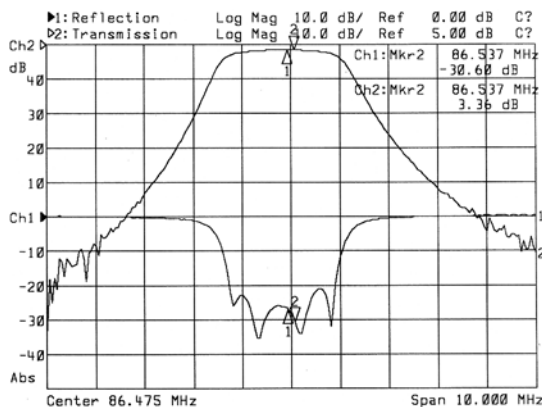
23102-0/P-5



23104-1/P-5



23108-1/P-5



MULTICOUPLERS

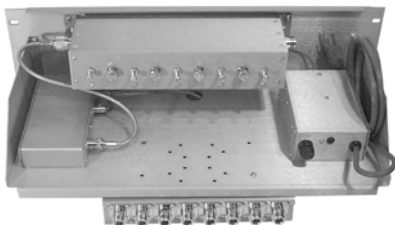
VHF 66-88 MHz

ELECTRICAL SPECIFICATIONS

Model Number	23108-0/P-5	23112-1/P-5	23112-0/P-5	23116-1/P-5	23116-0/P-5
Frequency Band (MHz)	66-88	66-88	66-88	66-88	66-88
# of Channels	5-8	9-12	9-12	13-16	13-16
Pass Band	3-8 MHz	3-8 MHz	3-8 MHz	3-8 MHz	3-8 MHz
# of Resonators	5	5	5	5	5
Rx/Rx Isolation	23+ dB	23+ dB	23+ dB	23+ dB	23+ dB
System Voltage	115 VAC	115 VAC	115 VAC	115 VAC	115 VAC
Amplifier Gain	+30 dB	+30 dB	+30 dB	+30 dB	+30 dB
Amplifier Type	Bipolar	Bipolar	Bipolar	Bipolar	Bipolar
Amplifier Noise Figure	3 dB	3 dB	3 dB	3 dB	3 dB
Amplifier 3rd Order IP	+42 dBm	+42 dBm	+42 dBm	+42 dBm	+42 dBm
Amplifier 1 dB Comp	+21 dBm	+21 dBm	+21 dBm	+21 dBm	+21 dBm
Amplifier Bias Voltage	13.6 VDC	13.6 VDC	13.6 VDC	13.6 VDC	13.6 VDC
Amplifier Current Draw	200 mA	200 mA	200 mA	200 mA	200 mA
System NF (typ.)	5.0 dB	5.0 dB	5.0 dB	5.0 dB	5.0 dB
Nominal Impedance	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω
Max. VSWR @ Resonance	1.25:1	1.25:1	1.25:1	1.25:1	1.25:1
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
List Price	\$1,935.00	\$2,300.00	\$2,480.00	\$2,395.00	\$2,600.00

MECHANICAL SPECIFICATIONS

Dimensions: Inches (HxWxD)	5 1/4 x 19 x 10	8 3/4 x 19 x 10	8 3/4 x 19 x 10	8 3/4 x 19 x 10	8 3/4 x 19 x 10
Metric	134 x 483 x 254	223 x 483 x 254	223 x 483 x 254	223 x 483 x 254	223 x 483 x 254
Connectors: Input / Output	N / N	N / BNC	N / N	N / BNC	N / N
Ship Weight: lbs. / kg.	12 / 5.5	15 / 6.9	15 / 6.9	17 / 7.8	17 / 7.8



23108-0/P-5



23112-1/P-5



23116-0/P-5

