

Public Safety Radio applications

Low cost, small footprint
VHF and UHF
Isolators and
Circulators.



Place your trust in Sonoma Scientific for your
Public Safety Radio applications.

Sonoma Scientific, Inc. designs and manufactures RF/Microwave Circulators and Isolators, with commitment to excellence in every aspect of our business.

Certified to ISO 9001:2008



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Over 25 years of custom design and manufacturing experience in the USA for diverse array of markets; utilizing 75+ years of combined engineering expertise.

Connectorized, surface mount, microstrip, waveguide and hybrid designs to meet your electrical and mechanical requirements.

A sampling of Sonoma Scientific products are listed below. We also provide quick-turn and competitive custom designs for any of your applications.

Certified to ISO 9001:2008



Communications



Medical Devices



Emergency Personnel

Product Name	Start Frequency (MHz)	Stop Frequency (MHz)	Isolation (dB)	Insertion Loss (dB)	VSWR	Power FWD (Watt)	Power REV (Watt)	Temperature (deg C)	Size (in)	CONNECTOR
CX1R6	115	130	20	0.50	1.25 :1	500	500	(+15) - (+40)	5.00 X 5.30 X 1.20	"N" TYPE
TY1D1	135	175	20	0.60	1.25 :1	150	100	(-30) - (+70)	3.00 X 3.00 X 1.00	SMA
CY1C1	136	150	18	0.80	1.30 :1	200	200	(-30) - (+110)	2.00 X 2.54 X 0.75	SURFACE MOUNT
CX1R8	145	155	22	0.45	1.18 :1	1000/AVG - 3000/PK	1000/AVG - 3000/PK	(+15) - (+60)	5.00 X 5.30 X 1.20	7/16th
CY1B1	150	174	18	0.80	1.30 :1	200	200	(-30) - (+110)	2.00 X 2.54 X 0.75	SURFACE MOUNT
CX1J1	174	180	20	0.50	1.20 :1	1000	1000	(0) - (+50)	4.00 X 4.00 X 0.75	"N" TYPE
TX3S2	380	470	20	0.50	1.25 :1	150	70	(-30) - (+70)	3.00 X 3.00 X 1.00	SMA
CX4X1	400	500	17	0.40	1.35 :1	10,000/PK - 1400CW	10,000/PK - 1400CW	(-30) - (+85)	4.00 X 4.00 X 1.25	HN-F
CX4J1	400	550	20	0.50	1.22 :1	25	25	(0) - (+50)	2.50 X 2.50 X 0.75	SMA
CX4S5	430	470	20	0.50	1.20 :1	100	100	(-20) - (+70)	2.00 X 2.00 X 0.70	SURFACE MOUNT
CX4U1	450	470	20	0.50	1.25 :1	160	160	0 - (+60)	1.38 X 1.38 X 0.55	SURFACE MOUNT
CX4S12	450	550	24	0.50	1.20 :1	325	1300	(-20) - (+70)	2.00 X 2.00 X 0.70	SURFACE MOUNT