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ALLIED ePARTS

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**E2V MAGNETRONS
RADAR COMPONENTS**

INTRODUCTION

e2v is the **world's largest manufacturer of pulse magnetrons** and a world leader in magnetron technology. As part of AEP International BV, we are the **sole distributor of e2v radar components globally.**

MAGNETRONS



GEN4 X BAND MAGNETRONS



S-BAND MAGNETRONS

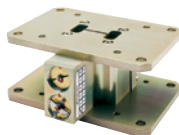


X-BAND MAGNETRONS

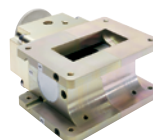
RADAR COMPONENTS



S-BAND FRONT ENDS



S-BAND LIMITERS



S-BAND CIRCULATORS



NOISE GENERATORS



X-BAND FRONT ENDS



X-BAND LIMITERS



X-BAND CIRCULATORS



PERFORMANCE MONITORS

MAGNETRONS LIST

GEN2 X-BAND MAGNETRONS

TYPE	POWER	FREQUENCY
M1325L	25kW	9380-9440 Mhz
M5068	25kW	9620-9680 Mhz
M5089T	25kW	9415-9460 Mhz
M5187	25kW	9380-9440 Mhz
M5187F	25kW	9380-9440 Mhz
M5199	30kW	9415-9460 Mhz
MG5222*	25kW	9345-9405 Mhz
MG5230T	25kW	9140-9200 Mhz
MG5231T	25kW	9460-9520 Mhz
MG5239T	25kW	9350-9400 Mhz
MG5242T	25kW	9380-9440 Mhz
MG5264*	25kW	9380-9440 Mhz
MG5265	30kW	9455-9495 Mhz
MG5411	25kW	9220-9280 Mhz
MG5494	25kW	8870-8930 Mhz
MG5497T	25kW	9210-9240 Mhz

GEN3 X-BAND MAGNETRONS

TYPE	POWER	FREQUENCY
MG5244*	12.5kW	9345-9405 Mhz
MG5255	6kW	9380-9440 Mhz
MG5256	12.5kW	9415-9460 Mhz
MG5257	12.5kW	9380-9440 Mhz
MG5258*	12.5kW	9380-9440 Mhz
MG5273	6kW	9380-9440 Mhz
9M602	12.5kW	9380-9440 Mhz

GEN3 X-BAND MAGNETRONS, FLAT PACK - 70MM BASEPLATE

TYPE	POWER	FREQUENCY
MG5331	4kW	9380-9440 Mhz
MG5353	1.5kW	9380-9440 Mhz
MG5388	4kW	9380-9440 Mhz
MG5388C	4kW	9380-9440 Mhz
MG5388S	4kW	9380-9440 Mhz
MG5389	6kW	9380-9440 Mhz

GEN4 X-BAND MAGNETRONS

TYPE	POWER	FREQUENCY
MG4004	4kW	9380-9440 Mhz
MG4006	6kW	9380-9440 Mhz
MG4010	12.5kW	9380-9440 Mhz

GEN3 X-BAND MAGNETRONS FLAT PACK-113MM BASEPLATE

TYPE	POWER	FREQUENCY
MG5218	12.5kW	9380-9440 Mhz
MG5232	6kW	9380-9440 Mhz
MG5232F	6kW	9380-9440 Mhz
MG5241F	12.5kW	9380-9440 Mhz
MG5243	4kW	9415-9475 Mhz
MG5245	12.5kW	9345-9405 Mhz
MG5248	4kW	9380-9440 Mhz
MG5259*	6kW	9345-9405 Mhz
MG5271	25kW	9345-9405 Mhz
MG5424	25kW	9380-9440 Mhz
MG5436	25kW	9380-9440 Mhz
MG5437	25kW	9380-9440 Mhz
MG5459	25kW	9345-9405 Mhz
MG5473	12.5kW	9380-9440 Mhz
MG5502	25kW	9430-9450 Mhz
MG5503	25kW	9430-9490 Mhz
9M502	6kW	9380-9440 Mhz
M1568B/ MG5436B	25kW	9380-9440 Mhz

GEN3 X-BAND MAGNETRONS FLAT PACK - 135MM BASEPLATE

TYPE	POWER	FREQUENCY
MG5233	8kW	9380-9440 Mhz
MG5234	6kW	9415-9475 Mhz
MG5238A	4kW	9415-9475 Mhz
MG5251	8kW	9380-9440 Mhz
9M302	4kW	9380-9440 Mhz

S-BAND MAGNETRONS

TYPE	POWER	FREQUENCY
MG5223	30kW	3040-3060 Mhz
MG5223F	30kW	3040-3060 Mhz
MG5240	60kW	3040-3060 Mhz
MG5240F	62kW	3040-3060 Mhz
MG5500	30kW	3010-3030 Mhz
MG5501	30kW	3070-3090 Mhz
MG5267	60kW	3025-3075 Mhz
MG5315	10kW	3040-3060 Mhz

* — bayonet fitting

COMPONENTS LIST

X-BAND LIMITER		
TYPE	POWER	FREQUENCY
B3LT1610	10kW	9300-9500 Mhz
B3LT1612	10kW	9300-9500 Mhz
B3LT1616	10kW	9300-9500 Mhz
B3LT1649	25kW	9300-9500 Mhz
B3LT1654	25kW	9360-9460 Mhz
B3LT1660	25kW	9360-9460 Mhz
B3LT1668	25kW	9360-9460 Mhz
B3LT1669	10kW	9360-9460 Mhz
B3LT1697	25kW	9300-9500 Mhz
B3LT1689	25kW	9060-9260 Mhz
B3LT1698	25kW	9300-9500 Mhz
B3LT1699	25kW	9360-9460 Mhz
B3LT16104	30kW	8800-9000 Mhz
B3LT16114	50kW	9300-9500 Mhz
B3LT16122	70kW	9380-9570 Mhz
B3LT16124	30kW	8800-9000 Mhz
B3LT16140	25kW	9060-9260 Mhz
B3LT16144	55kW	8800-9030 Mhz

S-BAND LIMITERS		
TYPE	POWER	FREQUENCY
B3LT1008	30kW	3020-3080 Mhz
B3LT1014	30kW	3020-3080 Mhz
B3LT1014B	30kW	3020-3080 Mhz
B3LT1018	30kW	3020-3080 Mhz
B3LT1023	30kW	3020-3080 Mhz

NOISE GENERATORS		
TYPE	POWER	FREQUENCY
B3NG1004	—	3000-3100 Mhz
B3NG1639	—	8800-9000 Mhz
B3NG1641	—	9300-9500 Mhz
B3NG1642	—	9300-9500 Mhz

PERFORMANCE MONITORS	
TYPE	POWER
B3RX1652	X-Band
B3RX1013	S-Band

X-BAND FRONT ENDS		
TYPE	GAIN	FREQUENCY
B3RX1612	2.5dB	9300-9500 Mhz
B3RX1620	2.5dB	9300-9500 Mhz
B3RX1627	2.5dB	9115-9215 Mhz
B3RX1629	2.5dB	8800-9000 Mhz
B3RX1631	3.0dB	9100-9300 Mhz
B3RX1632	3.0dB	9300-9500 Mhz
B3RX1640	4.0dB	9300-9500 Mhz

X-BAND FRONT ENDS WITH INTERGRATED LIMITER		
TYPE	GAIN	FREQUENCY
B3RX1613	2.0dB	9360-9460 Mhz
B3RX1618	2.0dB	9360-9460 Mhz
B3RX1619	77.0dB	9360-9460 Mhz
B3RX1635	77.5dB	9360-9460 Mhz
B3RX1616	77.0dB	9360-9460 Mhz

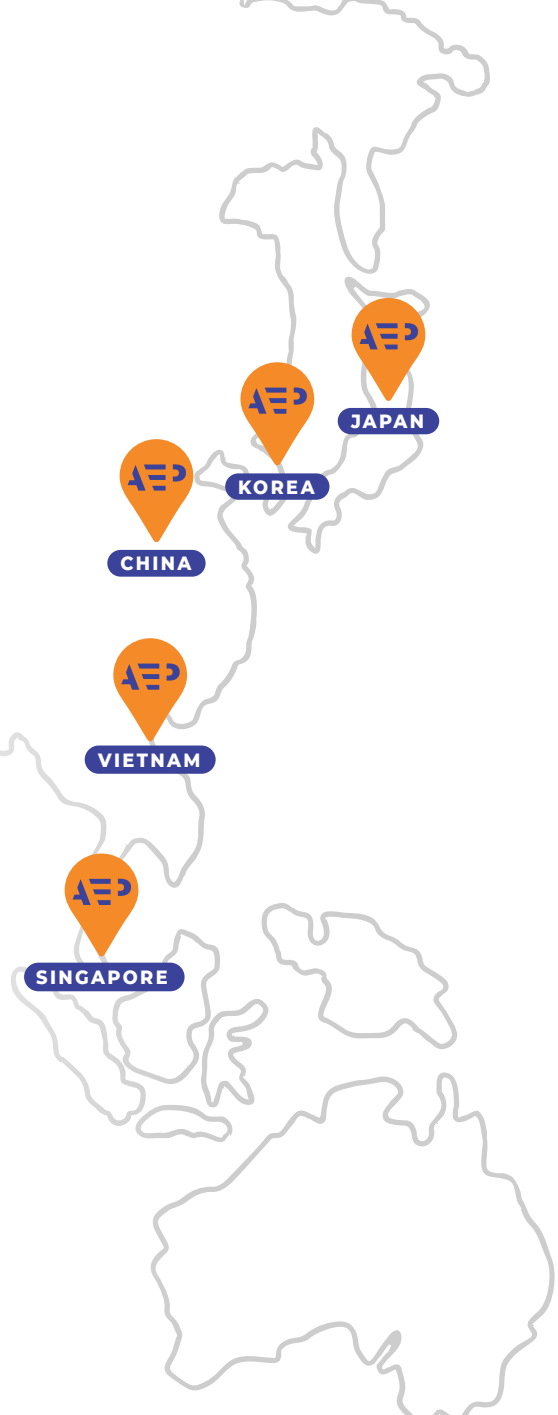
S-BAND FRONT ENDS		
TYPE	GAIN	FREQUENCY
B7RX1002	6.0dB	3020-3080 Mhz

S-BAND CIRCULATORS		
TYPE	POWER	FREQUENCY
B3JC1007	30kW	3030-3070 Mhz
B3JC1008	30kW	3030-3070*Mhz

*coaxial output

X-BAND CIRCULATORS		
TYPE	POWER	FREQUENCY
B3JC1647	4kW	9300-9500 Mhz
B3JC1649	30kW	9300-9500 Mhz
B3JC1651	30kW	9100-9300 Mhz
B3JC1654	30kW	9000-9200 Mhz
B3JC1660	30kW	8800-9000 Mhz

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