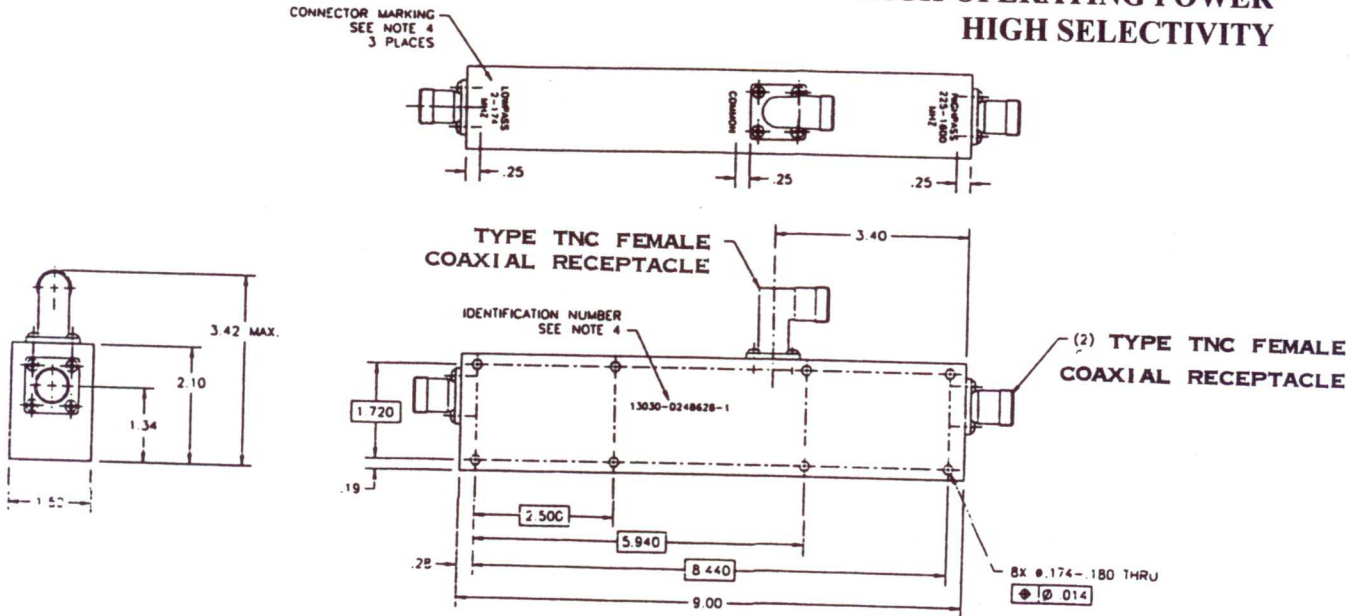




# TECHNICAL SPECIFICATIONS

**FMA-298T**

**HIGH OPERATING POWER  
HIGH SELECTIVITY**



## LOW-BAND CHARACTERISTICS

Passband	2-174 MHz
Insertion Loss over passband	0.5 dB max.
VSWR, over passband	1.5:1 max.
Rejection, 225-230 MHz	60 dB min.
230-750 MHz	70 dB min.
750-950 MHz	40 dB min.
950-1100MHz	60 dB min.
1100-1200 MHz	50 dB min.
1200-1950 MHz	60 dB min.
Isolation, Lowpass to Highpass, 2-140 MHz	60 dB min.
Lowpass to Highpass, 140-174 MHz	30 dB min.
Lowpass to Highpass, 225-750 MHz	60 dB min.
Lowpass to Highpass, 750-1350 MHz	40 dB min.
Lowpass to Highpass, 1350-1950 MHz	60 dB min.
Power Handling Capability, 2-32 MHz	1260 W, CW max.
30-88 MHz	100 W, CW max.
114-174 MHz	50 W, CW max.

## HIGH-BAND CHARACTERISTICS

Passband	225-1950 MHz
Insertion Loss, 225-400 MHz	0.5 dB max.
800-1120 MHz	0.5 dB max.
1210-1240 MHz	0.5 dB max.
1560-1600 MHz	0.5 dB max.
1600-1950 MHz	0.6 dB max.
VSWR, 225-400 MHz	1.5:1 max.
800-1120 MHz	1.5:1 max.
1210-1240 MHz	1.6:1 max.
1560-1600 MHz	1.7:1 max.
1600-1950 MHz	1.8:1 max.
Rejection, 2-118 MHz	80 dB min.
118-140 MHz	60 dB min.
140-174 MHz	30 dB min.
Power Handling Capability, 225-400 MHz	250 W, CW max.
1090+/-5 MHz	1200 W, peak max.
	50 W, ave. max.

## GENERAL CHARACTERISTICS

Environment	Shipboard
Weight	2 pounds max.

**METROPOLE PRODUCTS, INC.**

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