



TECHNICAL SPECIFICATIONS

**FMA-298C
WIDEBAND DIPLEXER**

**HIGH OPERATING POWER
HIGH SELECTIVITY**

Passband 2-32 MHz
 Insertion Loss over passband 0.5 dB max.

VSWR 2:1 max.
 Rejection, 145-155 MHz 50 dB min.
 200-1650 MHz 60 dB min.
 2200-2450 MHz 50 dB min.

Isolation, Lowpass to Highpass, 2-32 MHz 33 dB min.
 Lowpass to Highpass, 145-155 MHz 50 dB min.
 Lowpass to Highpass, 200-1650 MHz 60 dB min.
 Lowpass to Highpass, 2200-2450 MHz 50 dB min.

Power Handling Capability, 2-32 MHz 1000 W, CW max.

Passband 145-2450 MHz
 Insertion Loss, 145-155 MHz 0.6dB max.
 205-400 MHz 0.5 dB max.
 950-1100 MHz 0.5 dB max.
 1210-1240 MHz 0.6 dB max.
 1560-1590 MHz 0.7 dB max.
 2200-2450 MHz 1.0 dB max.

VSWR, 145-155 MHz 2:1 max.
 205-400 MHz 1.5:1 max.
 950-1100 MHz 1.5:1 max.
 1210-1240 MHz 1.6:1 max.
 1560-1590 MHz 1.7:1 max.
 2200-2450 MHz 2:1 max.

Rejection, 2-32 MHz 33 dB min.

Power Handling Capability:
 205-400 MHz 150 W, CW max.
 1090 +/-5 MHz 1KW peak, 50 W ave

GENERAL CHARACTERISTICS

Environment Shipboard
 Weight 2 pounds max.

METROPOLE PRODUCTS, INC.

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