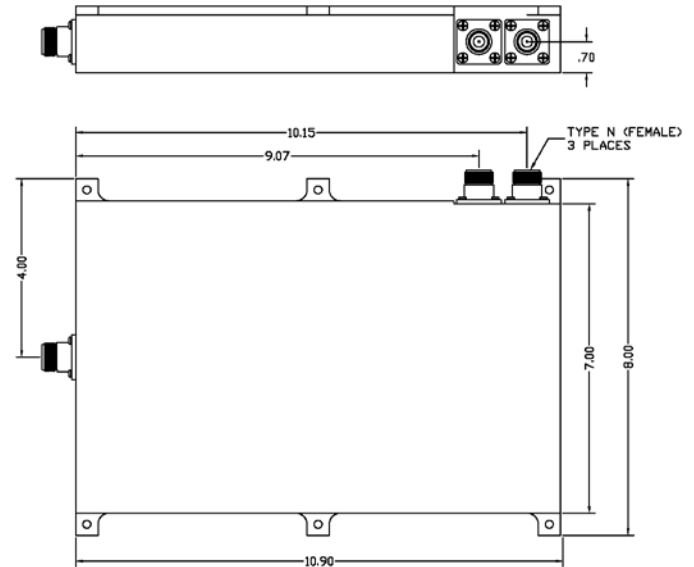
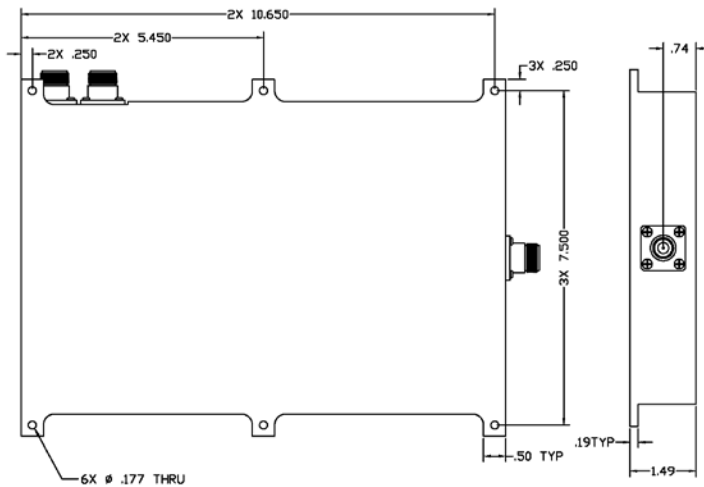




FMV-232

VHF/UHF DIPLEXER



ELECTRICAL SPECIFICATIONS

LOW BAND CHARACTERISTICS

Passband	30-174 MHz
Insertion Loss over Passband	0.5 dB max.
VSWR over Passband	1.5:1 max.
Rejection	
225-255 MHz	50 dB min.
255-1200 MHz	75 dB min.
Power Handling over Passband	600 W-CW, max.

HIGH BAND CHARACTERISTICS

Passband	225-400 MHz
Insertion Loss over Passband	0.5 dB max.
VSWR over Passband	1.5:1 max.
Isolation	
Lowpass to Highpass, 30-174 MHz	55 dB min.
Lowpass to Highpass, 225-400 MHz	50 dB min.

Rejection

0-140 MHz	80 dB min.
140-180 MHz	50 dB min.
180-190 MHz	40 dB min.
435-450 MHz	35 dB min.
450-500 MHz	50 dB min.
500-1000 MHz	80 dB min.
Power Handling over Passband	600 W-CW, max.

GENERAL CHARACTERISTICS

Connectors	Type N (Female).
Temperatures	
Operating	-20°C to +55°C
Non-Operating	-40°C to +71°C
Weight	6.5 lbs. max.
Altitude	
Operating	25,000 ft.
Non-Operating	50,000 ft.
Size (excluding connectors)	11.00" x 8.00" x 1.49"

REV: 3/2/2015