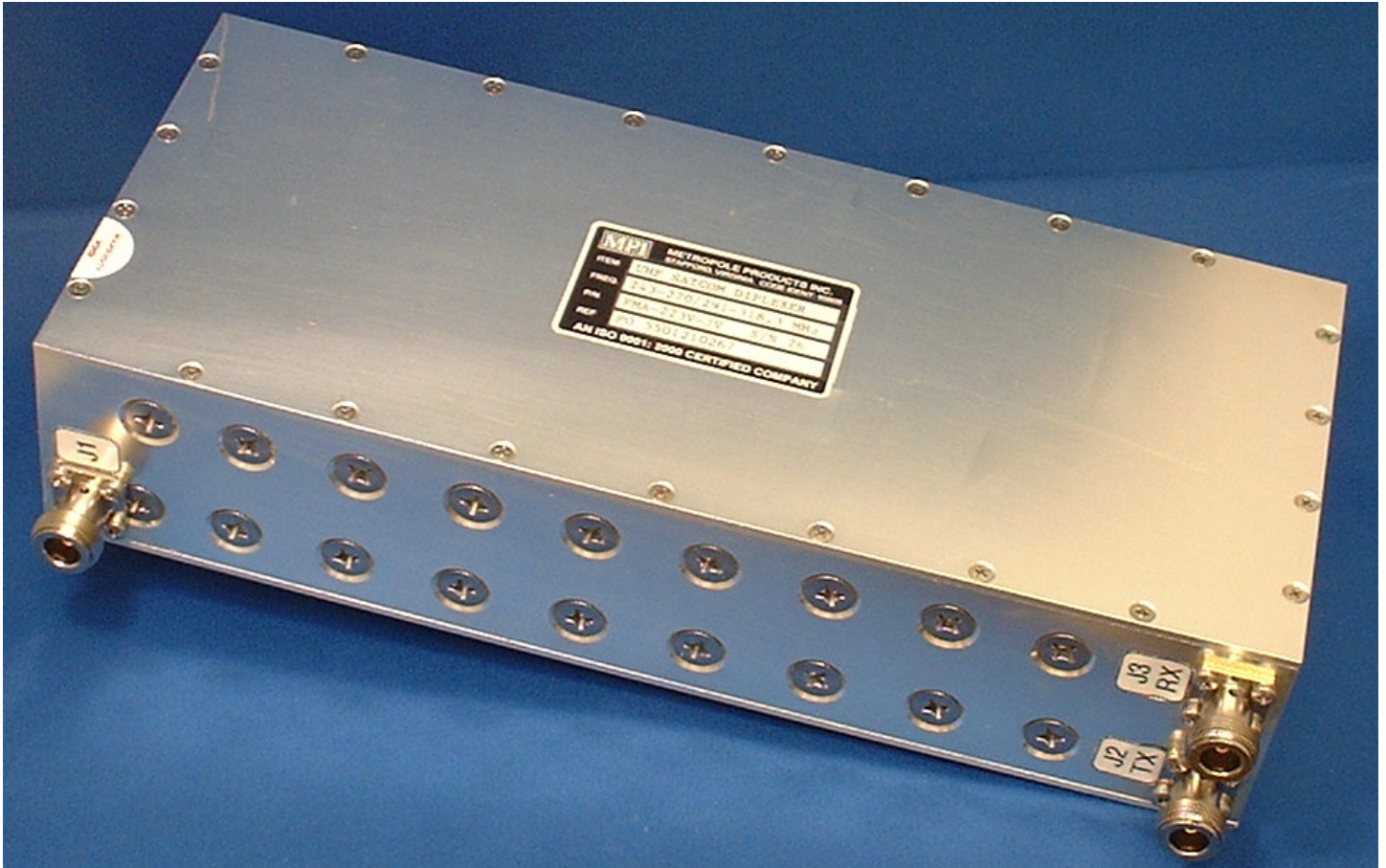




## FMA-223V-JV

## UHF SATCOM DIPLEXER

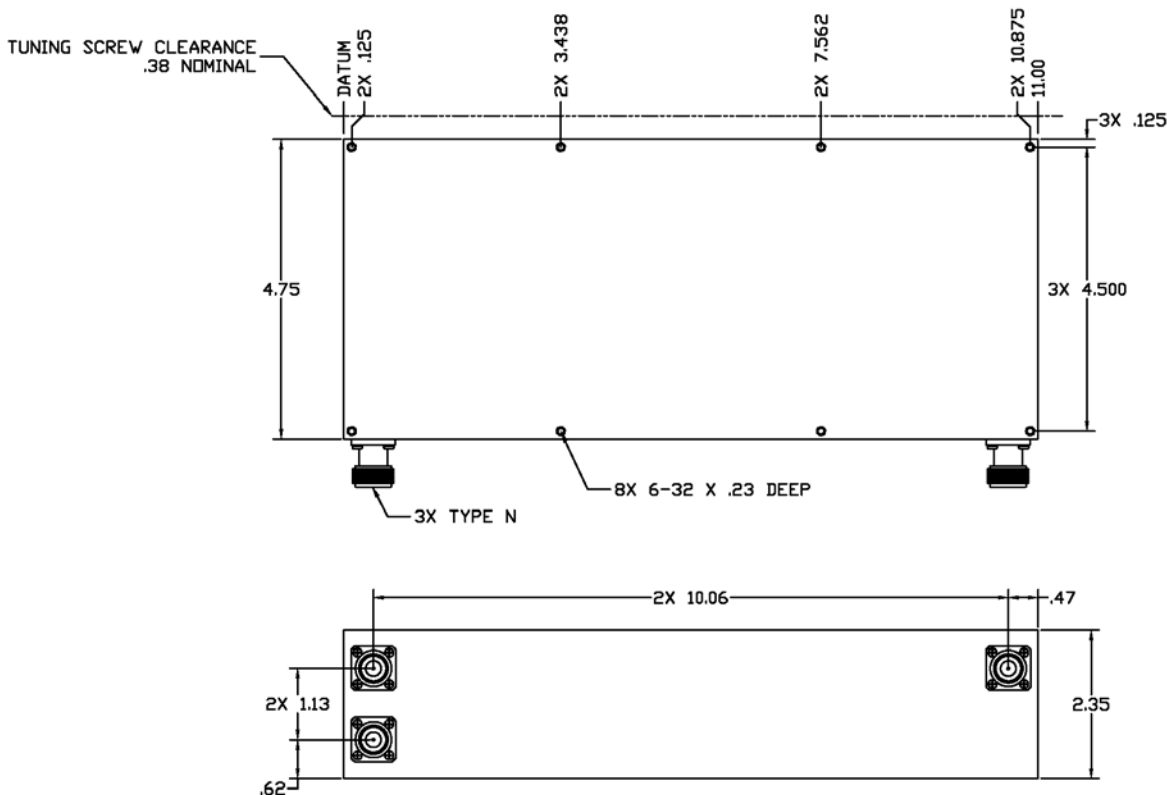


### DESCRIPTION

A High Power UHF SATCOM Diplexer

### FEATURES

- High Isolation
- High Operating Power
- Low Insertion Loss



**RECEIVE CHANNEL CHARACTERISTICS  
J1 TO J3**

Passband	243-270 MHz
Insertion Loss, over passband	1.0 dB max.
VSWR, over passband	1.5:1 max.
STOPBAND	
0-216 MHz	90 dB min.
291-292 MHz	90 dB min.
292-400 MHz	95 dB min.
400-1200 MHz	90 dB min.
ISOLATION, TRANS TO RCVR	
0-240 MHz	95 dB min.
240-270 MHz	85 dB min.
291-292 MHz	90 dB min.
292-310 MHz	95 dB min.
310-1200 MHz	90 dB min.

**TRANSMIT CHANNEL CHARACTERISTICS  
J2 TO J1**

Passband	291-318.3 MHz
Insertion Loss, over passband	1.2 dB max.
VSWR, over passband	1.4:1 max.
Input Power, maximum	250W CW
STOPBAND	
0-265 MHz	95 dB min.
265-270 MHz	85 dB min.
350-400 MHz	95 dB min.
400-1200 MHz	90 dB min.

**GENERAL CHARACTERISTICS**

Environment	Airborne
Weight	5 pounds max.
CONNECTORS	
J1, J2 and J3	Type "N" (female)*
Size, excluding connectors and tuning screws	2.35" x 4.75" x 11.00"

\*SMA available

REV: 4 MAY 15