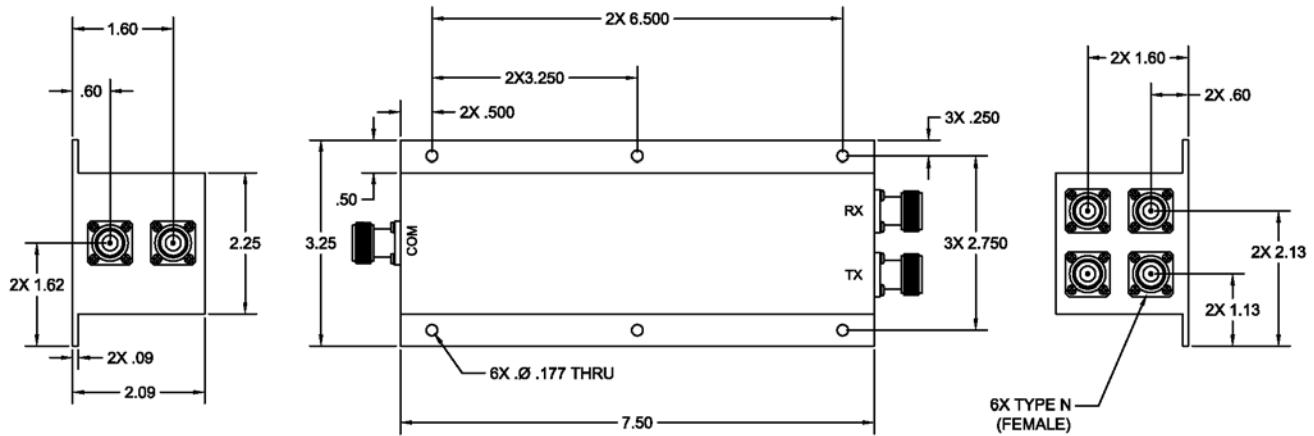




# FDMA-297 HIGH SELECTIVITY

# DUAL UHF SATCOM DIPLEXERS HIGH RF OPERATING POWER



## ELECTRICAL SPECIFICATIONS

### RECEIVE CHANNEL CHARACTERISTICS (Note1)

Passband	243-270 MHz
Insertion Loss	1.3 dB max.
VSWR, Over passband	1.6:1 max.
Stopband	
0-190 MHz	80 dB min.
292-300 MHz	65 dB min.
300-310 MHz	75 dB min.
310-2000 MHz	80 dB min.
Isolation, TRAN to RCVR	
150-270 MHz	45 dB min.
270-292 MHz	35 dB min.
292-350 MHz	65 dB min.

### TRANSMIT CHANNEL CHARACTERISTICS (Note1)

Passband	291-318.3 MHz
Insertion Loss	1.2 dB max.
Insertion Loss, 298-306 MHz	0.90 dB max.
VSWR, 291-318.3 MHz	1.5:1 max.
VSWR, 298-306 MHz	1.4:1 max.
Input Power	100 W CW max.
Stopband	
0-240 MHz	80 dB min.
240-260 MHz	60 dB min.
260-270 MHz	45 dB min.
360-380 MHz	60 dB min.
380-2000 MHz	80 dB min.

Note 1: Specifications same for each diplexer

## GENERAL CHARACTERISTICS

Environment	Shipboard/ Airborne
Size excluding connectors	7.50" x 3.25" x 2.09"
Weight	3 lbs.
Connectors	Type N (Female)

REV: 9/26/16