



**DFP-102ABL**

**DIPLEXER**



This UHF SATCOM, Antenna Diplexer provides sufficient transmit to receive channel isolation to allow half-duplex operation without switching and at appropriate signal levels, full duplex operation.

## DESCRIPTION

UHF SATCOM (DAMA)  
Antenna Diplexer

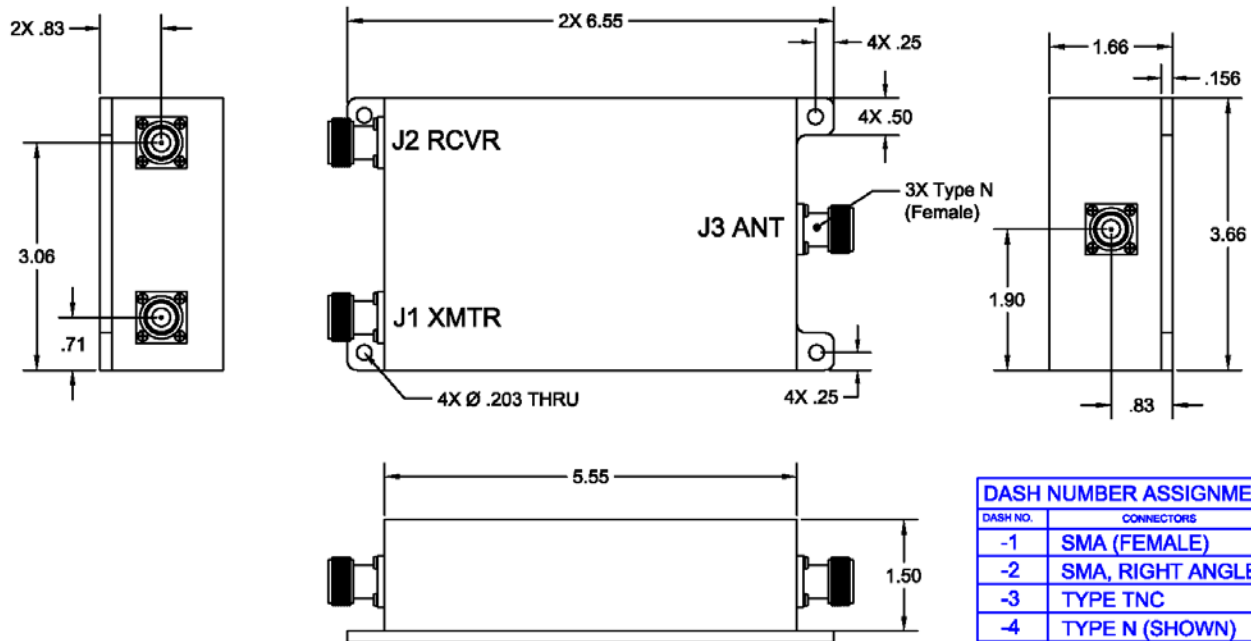
## FEATURES

- Compact Size
- Low Loss

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## ELECTRICAL SPECIFICATIONS

### RECEIVE CHANNEL, J3 to J2

Passband	243-270 MHz
VSWR	1.5:1 max.
Insertion Loss	1 dB max.
Rejection	
0-130 MHz	50 dB min.
130-190 MHz	40 dB min.
291-300 MHz	65 dB min.
300-430 MHz	85 dB min.
430-512 MHz	70 dB min.

### TRANSMIT CHANNEL J1 to J3

Passband	291-318.3 MHz
Insertion Loss @ mid-band	0.7 dB max.
Insertion Loss over band	1.0 dB max.
VSWR	1.4:1 max.
Input Power	+21 dBW max.
Rejection	
0-270 MHz	50 dB min.
360-1000 MHz	50 dB min.

## GENERAL CHARACTERISTICS

Environment	Airborne
Weight	30 ozs.
Size*	5.55" x 3.66" x 1.66"
* excluding connectors and mounting feet	

REV: 11/16/16