



FBV-215A-C

BANDPASS FILTER/ DUAL DIRECTIONAL COUPLER

UHF SATCOM (DAMA)



DESCRIPTION

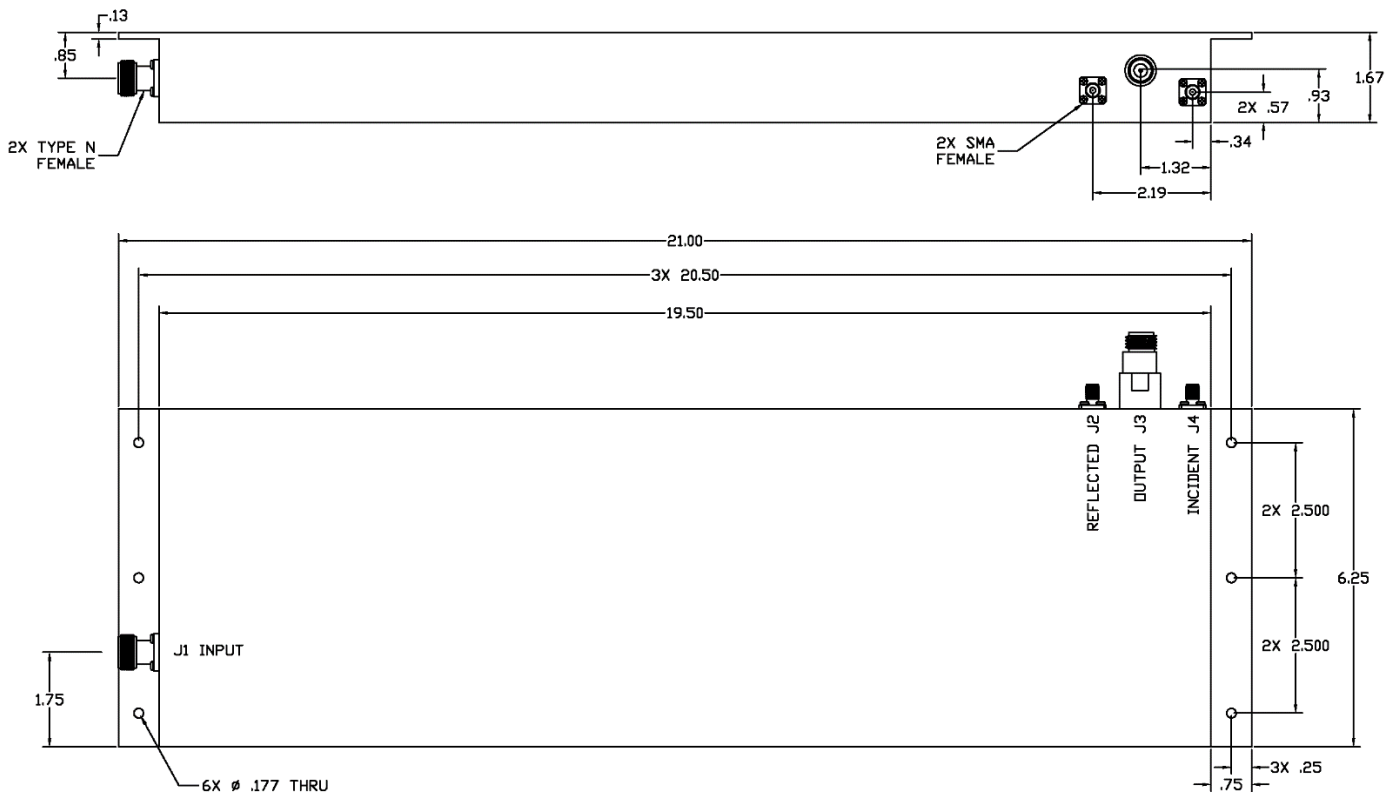
UHF SATCOM (DAMA) transmit Channel
Bandpass filter with an integral dual directional
coupler.

FEATURES

- High RF power handling
- Very sharp selectivity
- Easily monitor transmit and reflected power levels

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ELECTRICAL SPECIFICATIONS

Frequency	291-318.3 MHz
Insertion Loss, J1 to J3	1.0 dB max
Rejection, J1 to J3	
0-270 MHz	100 dB min.
340-1000 MHz	90 dB min.
Coupling	
Incident, J1 to J4	30 ± 1 dB
Reflected, J3 to J2	20 ± 1 dB
Impedance	50 Ω nom.
VSWR	
J1	1.4:1 max.
J2	1.5:1 max.
J3	1.5:1 max.
J4	1.5:1 max.
RF Power Handling, J1 to J3	400 W-CW

GENERAL CHARACTERISTICS

Size, excluding connectors	21.00" x 6.25" x 1.67"
Weight	7.2 lbs.
Connectors	
J1 and J3	Type N, Female
J2 and J4	SMA, Female

REV: 9/22/16