



DB4160S-DXB

B-Band Duplexer
DB4160SDXBWT (with 19" Rack Mount Tray, 3U)

TX: 880-894 MHz

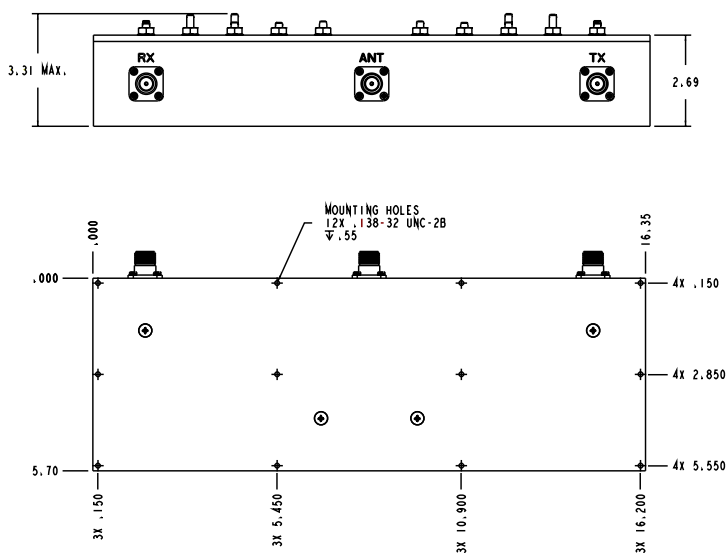
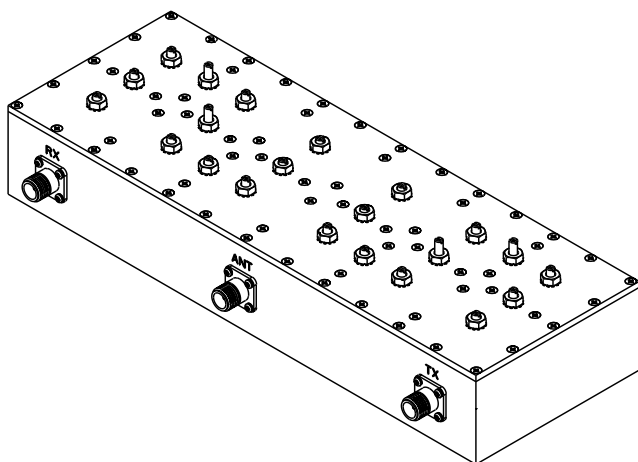
RX: 835-849 MHz

- AMPS B-Band Duplexer
- Superior Intermod Performance
- Nominal Rejection of A-Band TX/RX Signals

- Rugged Design For Reliability
- Fits Within 3U Rack Space
- Solid Aluminum Housing Base
- 400 Watt Input Power Capability

Duplexer

PRELIMINARY



Electrical

Frequency:	TX	880-894 MHz
	RX	835-849 MHz
Insertion Loss:	TX	≤ 1.0 dB
	RX	≤ 1.0 dB
Isolation:	TX to RX	≥ 80 dB
	RX to TX	≥ 80 dB
Return Loss:	Ant	≥ 20 dB 835-849 and 880-894 MHz
	RX	≥ 20 dB
	TX	≥ 20 dB
Input Power:	300 Watts Avg. (Max.)	
	3000 Watts Peak (Max.)	

Note: Power rating is a function of number of carriers and modulation, contact factory for details.

Mechanical

Temp Range:	-30° to +60° C
Connectors:	N-Female (Input / Output)
Finish:	Decibel Tek Black
Size (L x W x H):	13.5 x 5.7 x 3.45"
Weight:	20 lbs (9.1 kg)

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ISO9001 Compliant