

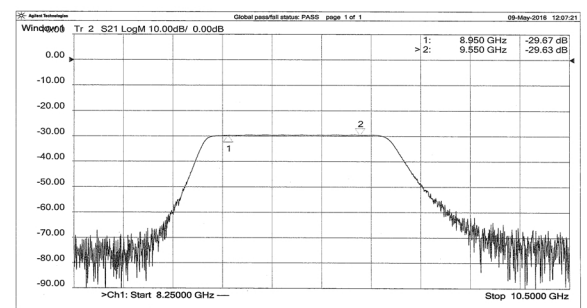
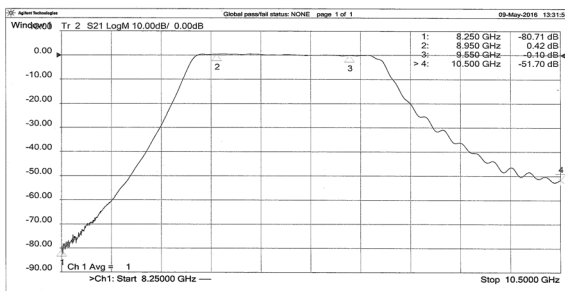
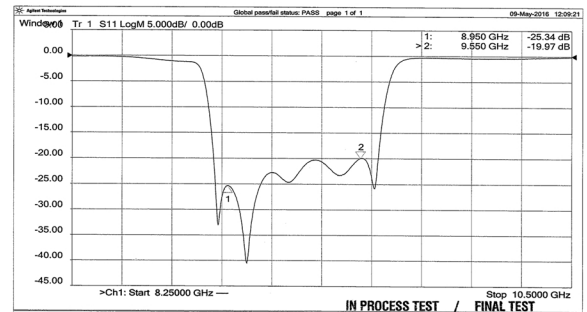
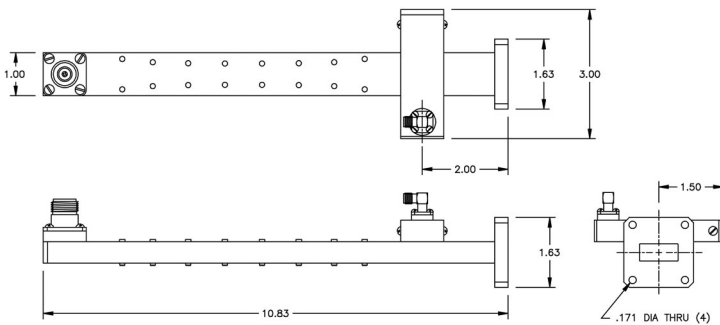
# MFC X-Band Bandpass Filters w/Coupling Port Model 19448

This bandpass filter prevents undesired interaction between this X-band transmit band (8.95 - 9.55 GHz) and other sources of communication operating above and below the band.

This transmit filter also includes a coupling port to monitor power output.

## Specifications:

Passband:	8.95 - 9.55 GHz
Passband Insertion Loss:	0.5 dB Max
Passband Return Loss:	18 dB Min
Passband Power (CW):	150 Watts Max
Coupled Port:	-30 dB, $\pm 0.5$ dB
Rejection:	75 dB Min @ 8.25 GHz 50 dB Min @ 10.50 GHz
Altitude Rating:	40,000 ft. Max
Connectors:	N-female (Input) RA SMA-female WR90 Cover Flange
Dimensions:	10.83" x 3.00" x 1.63" 275 mm x 76 mm x 41 mm)



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