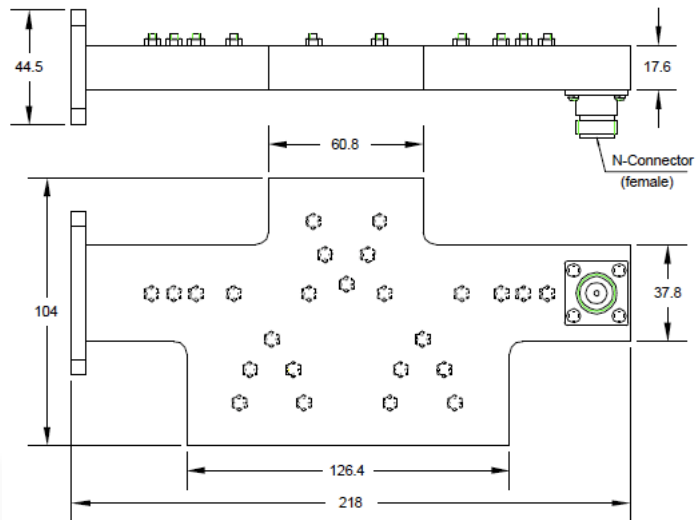
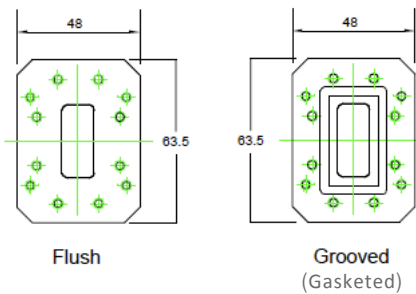


# Orbital TBPF Series X-Band Transmit Bandpass Filter



## Mechanical Drawing



### Filter

TXBPFX-WF12 - Transmit bandpass filter with WR-112 input interface, 12-hole, flat waveguide

### Output Connector

WG12 - WR-112 gasketed 12-hole flange  
N - N Connector (50Ω)

TXBPFX-WF12 N-90

### Attenuation

90 - 90 dB (7.25 to 7.75 GHz)

### Specifications

Pass Band: 7.9 to 8.4 GHz  
 Insertion Loss: 0.4 dB max  
 Attenuation: 90 dB  
 in Rx band of 7.25 to 7.75 GHz  
 VSWR: 1.20 : 1  
 Connectors: WR-112 flange, SMA, or N  
 Dimensions: 8.6 x 4.1 x 1.75 in,  
 218 x 104 x 44.5 mm  
 Weight: 0.9 lbs, 400 grams

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