1780 MHz Cavity Bandpass Filter

ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AB1780B1205

ISO 9001 REGISTERED FIRM

Electrical specifications

Center Frequency: 1780 MHz
Bandwidth: 115 MHz
Input / Output Impedance: 50 Ohms
Passband: 1710-1825 MHz
Passband Insertion Loss: <1.0 dB
Passband Ripple: <0.2 dB
Passband Return Loss: >18 dB
Rejection: (1850-1985 MHz): >43 dB
Power Handling: <40 W
Peak Power Handling:<1.4 KW
IMD3 @ 1615MHz: -100 dBm @2x 43 dBm
IMD5 @ 1505MHz: -110 dBm @2x 43 dBm
Lightning Protection: 10 KA
IP66 Compliant

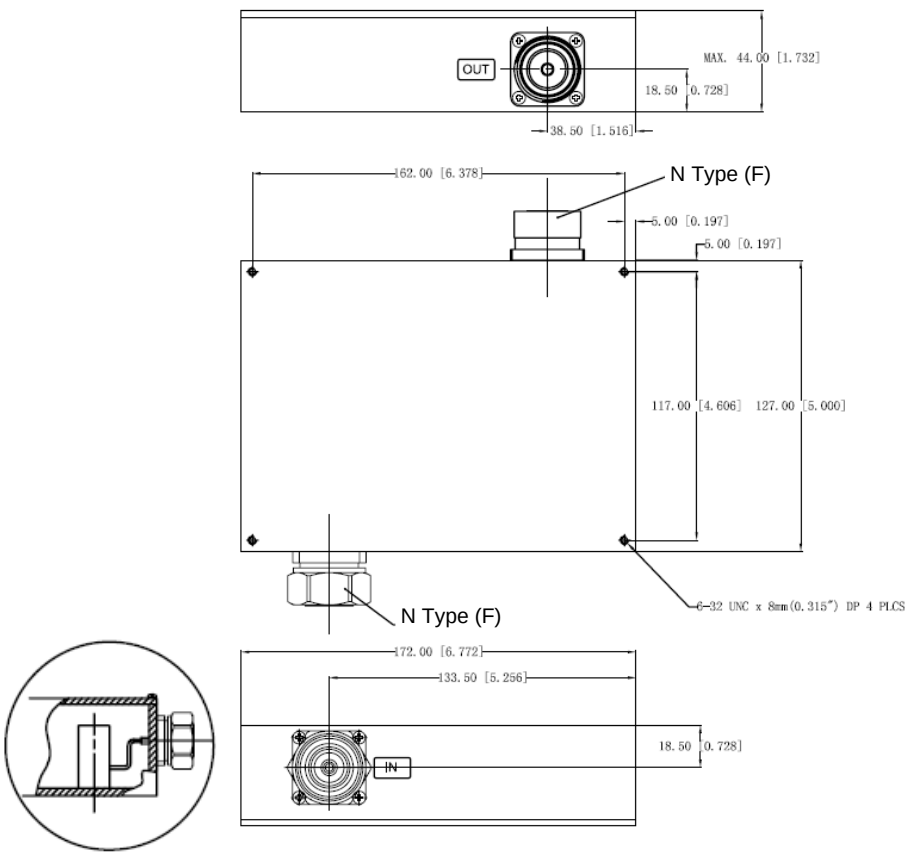
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: Type N Female
Dimensions: 6.772" x 5" x 1.732" (max)
(172mm x 127mm x 44mm)

Environmental

Operating Temperature: 10 to 50 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:



70 Outwater Lane **Phone: (973) 772-4242**
Garfield, NJ 07026 **Fax : (973) 772-4646**
Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com

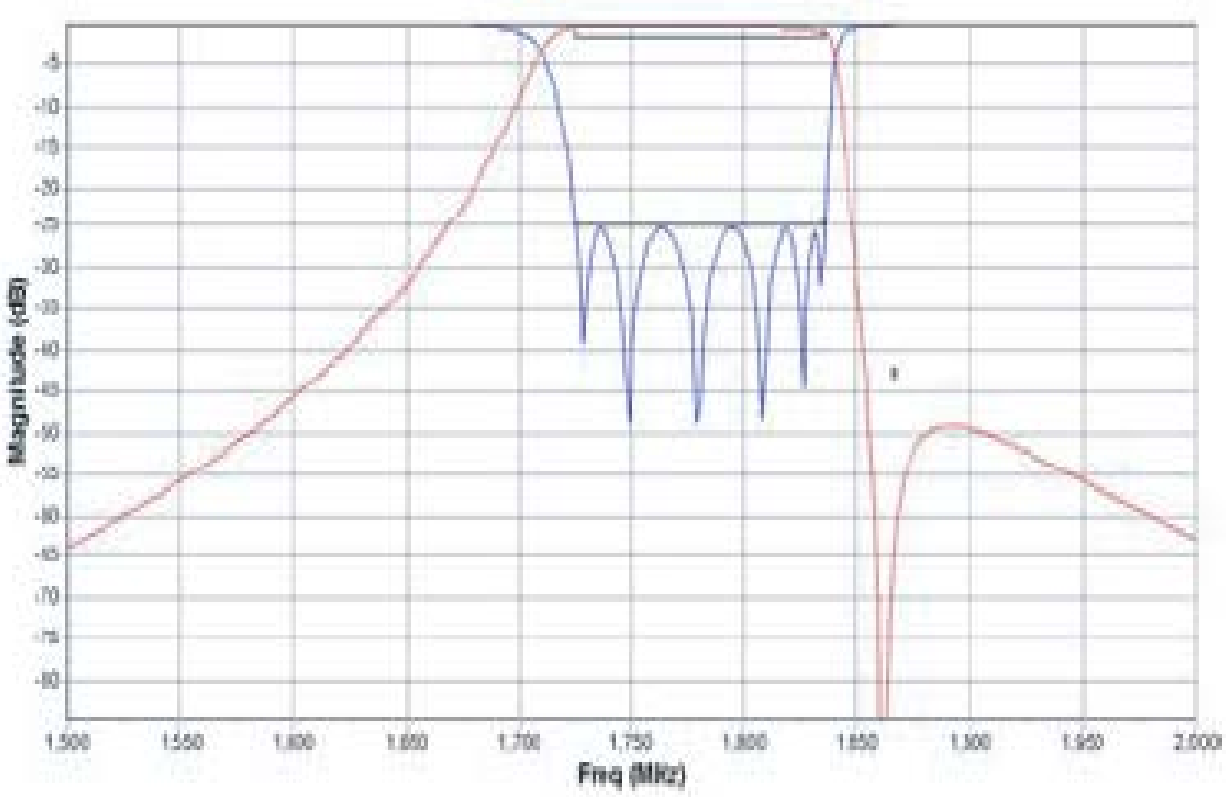
ANATECH ELECTRONICS INC
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1780 MHz Cavity Bandpass Filter with External Deployment

Part Number: AB1780B716

ISO 9001
REGISTERED FIRM

Response Plot:



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