



Ceramic waveguide duplexer, F0 1747.5MHz / 1842.5MHz, bandwidth 75MHz, 50dB rejection.

## Electrical Specifications

Frequency F0	1747.5MHz / 1842.5MHz	
Band Width	F0±37.5	
Pass Band	1710-1785 MHz	1805-1880 MHz
Return Loss	≤-15.0 dB	≤-15.0 dB
VSWR	≤1.43	≤1.43
Insertion Loss	≤2.5 dB	≤2.5 dB
Ripple	≤1.3 dB	≤1.3 dB
Rejection	≥50 dB @1805-1880MHz	≥50 dB @1710-1785MHz
Isolation	≥50 dB @1805-1880MHz	≥50 dB @1710-1785MHz
Power Handling	20 watts average	
Impedance	50 ohms	

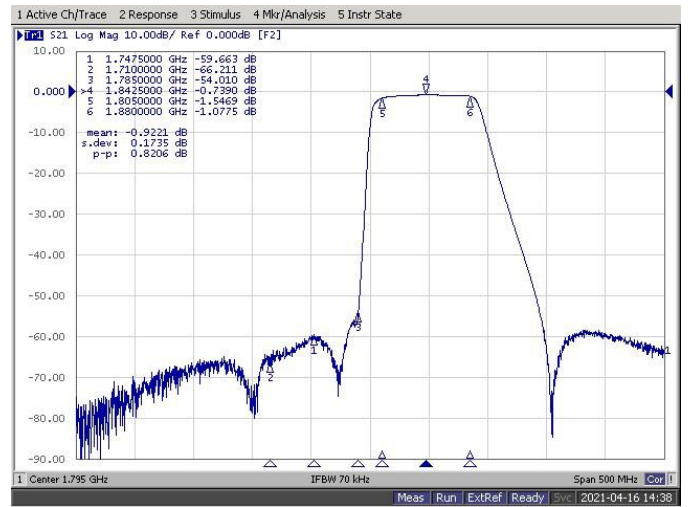
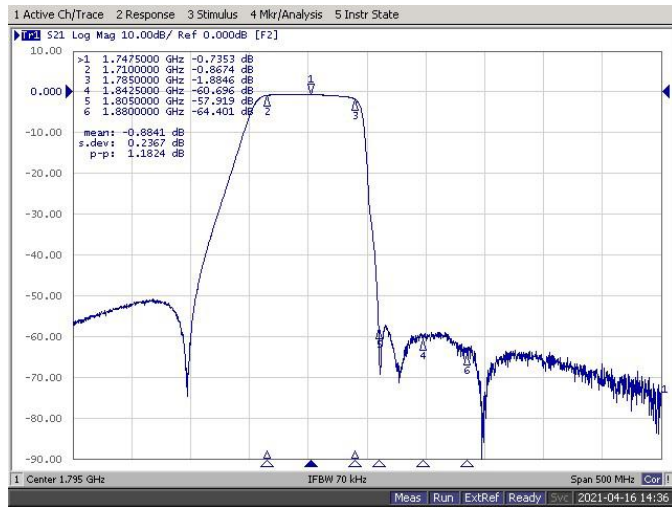
## Mechanical Specifications

Dimension	90×70×16 (mm)
Weight	180 g

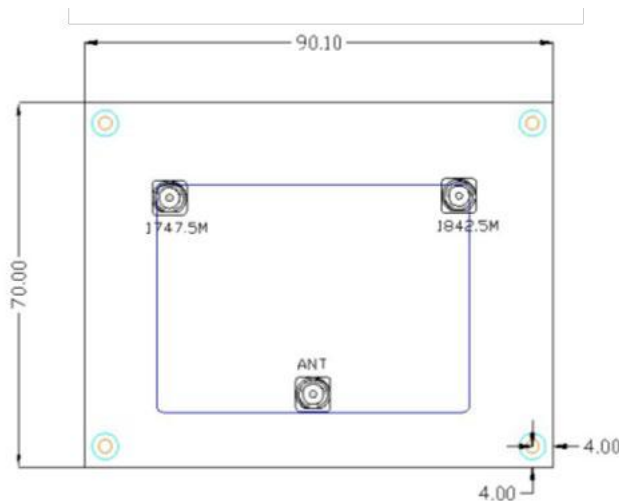
## Environmental Specifications

Operating Temperature	-40 °C to +65 °C
Storage Temperature	-45 °C to +85 °C
Relative Humidity	5% - 95%
Application	Indoor

## Plot Data



## Outline Drawing



## Regulatory Compliances

ISO 9001:2015	Compliant
ROHS	Compliant
China RoHS	Compliant
UK RoHS	Compliant
REACH	Compliant
EU/CE	Compliant

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