



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1920-1980 / 2110-2170 MHz UMTS Cavity Diplexer

Part Number: AE1950-2140DB5456



Electrical Specifications

Band 1

Passband (PB): 1920 - 1980 MHz

Bandwidth: 60 MHz

Insertion Loss in (PB): 0.5 dB Max

Band 2

Passband (PB): 2110 - 2170 MHz

Bandwidth: 60 MHz

Insertion Loss in (PB): 0.5 dB Max

Isolation: ≥ 80 dB Min

Return Loss: 18 dB Min

Input Power CW: 250 (CW) Max

Intermodulation Products: -150 dBc min

Mechanical

Connector Type: N-Type (Female)

Dimensions: 6.58 x 4.75 x 1.77 in

Environmental

Operating Temperature: -40 to +70° C

Storage Temperature: -50 to +90° C

Shock: 20 G, 11 msec

Vibration: 20 G, 5 to 200 Hz

Outline Drawings:

