



800MHz iDEN, 900MHz iDEN, Cellular, PCS Quad Band Combiner



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: QB800-900-1800C101

Electrical specifications

Rx1 (800MHz iDEN): 806-849 MHz
Rx1 Insertion Loss: <2.5 dB
Rx1 Attenuation: 45 dB @ 851-894 MHz

Tx1 (800MHz iDEN): 851-894 MHz
Tx1 Insertion Loss: <3.05 dB
Tx1 Attenuation: 44.3 dB @ 806-849 MHz
34.3 dB @ 896-901 MHz

Rx2 (900MHz iDEN): 806-849 MHz
Rx2 Insertion Loss: <2.8 dB
Rx2 Attenuation: 45 dB @ 935-940 MHz
43.9 dB @ 851-954 MHz

Tx2 (900MHz iDEN): 935-940 MHz
Tx2 Insertion Loss: <2.5 dB
Tx2 Attenuation: 44.3 dB @ 806-849 MHz

Rx3 (PCS): 1850-1910 MHz
Rx3 Insertion Loss: <1.5 dB
Rx3 Attenuation: 65 dB @ 1930-1990 MHz
50 dB @ 2400-2500 MHz

Tx3 (PCS): 1930-1990 MHz
Tx3 Insertion Loss: <1.5 dB
Tx3 Attenuation: 65 dB @ 1850-1910 MHz
50 dB @ 2400-2500 MHz

Return Loss: >14 dB
Impedance: 50 Ω
Power Handling: 20 W

Mechanical

Connector: SMA (F)
Dimensions: 412 x 231 x 68 mm

Environmental

Temperature Range: 0 to +45 °C



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Outline Drawing:

