



# 876-915 MHz / 1710-1785 MHz Duplexer/Combiner



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**Part Number: AE895-1747CDB5303**

## Electrical specifications

**GSM Range :** 876-915 MHz  
**DCS Range:** 1710-1785 MHz  
**Insertion Loss:** <0.8 dB, <0.7 dB Typ.  
**Ripple:** <0.5 dB P-T-P  
**Return Loss:** -16 dB Max  
**GSM Attenuation 1:** 95 dB @ DC-750 MHz  
**GSM Attenuation 2:** 60 dB @ 925-1050 MHz  
**DCS Attenuation 1:** 60 dB @ DC-1670 MHz  
**DCS Attenuation 2:** 60 dB @ 1825-2000 MHz  
**Isolation:** 95 dB Min, 100 dB Typ  
**Impedance:** 50 Ohms  
**Power Handling:** 40 Watts

## Mechanical

**Connector Type:** SMA (F)  
**Dimensions:** 6.50 x 5.96 x 2.70 inches

## Environmental

**Operating Temperature:** -20 to +65° C

## Outline Drawing:

