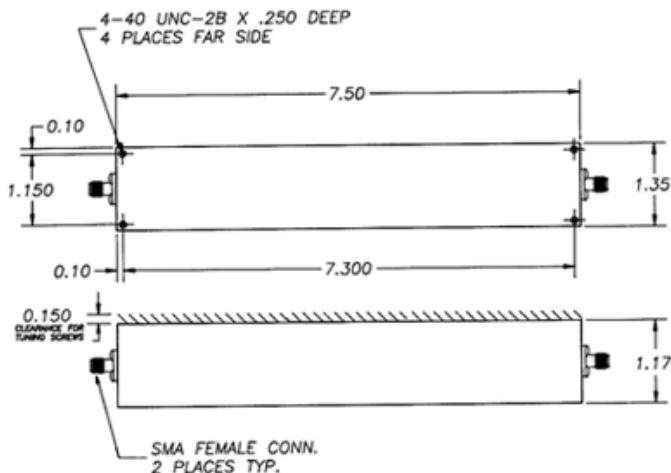


# Delta Datasheet

## Technical Data on Delta Microwave Products



## PCS A, B, C, D, E, F Bands

### Receive Filter

### Model **L1556-1**

#### **Features:**

Compact Size  
Rack mount ready  
Co-Axial Cavity Configuration  
High Performance  
Low Cost

#### **Specifications:**

##### Passband

-A .....	(RX)1850 to 1865 MHz
-B .....	(RX)1870 to 1885 MHz
-C .....	(RX)1895 to 1910 MHz
-D .....	(RX)1865 to 1870 MHz
-E .....	(RX)1885 to 1890 MHz
-F .....	(RX)1890 to 1895 MHz

Insertion Loss(A,B,C)..... 0.8 dB MAX (1.6 Typ.)

Insertion Loss(D,E,F)..... 1.0 dB MAX (1.9 Typ.)

VSWR..... 1.5:1

RX Isolation..... >100 dB over TX

Connectors..... SMAF (TX&RX)

Operating Temperature..... -50 to +70°C

#### **Description:**

The L1556 PCS RX Filter was developed for high performance applications.

The filter is a seven section co-axial cavity design for high performance and low insertion loss.

The housing is machined from solid 6061 T-6 aluminum and silverplated per MIL standards (nickle is never allowed in any of our plating processes). The resonators are turned from solid brass stock and silverplated per the same specifications as the housing. Delta Microwave only uses the highest quality materials for the construction of this diplexer.

For more information on our products, Delta Microwave can be contacted Via the Internet at <http://www.deltamicrowave.com>. Or you can call or fax your request Delta Microwave, or contact one of our sales representatives in your area.

