

Delta Datasheet

Technical Data on Delta Microwave Products

AMPS TX Band High-Power Filter

Model **U1483-TX &-RX**

Features:

Compact Size

Rack mount ready (2U high)

Co-Axial Cavity Configuration

High Performance

Ruggedized Package

High Power Handling



Description:

The U1483 AMPS band filter was developed for high power, low loss cellular applications.

The filter design uses a four section co-axial cavity bandpass filter and two coupled “zeros” for high “Q”, low insertion loss, and high isolation.

For more information on custom cellular 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.

Specifications:

(-RX) Passband..... 824 to 849 MHz

(-TX) Passband 869 to 894 MHz

Insertion Loss..... 0.4 dB

VSWR..... 1.5:1 Max. (TX & RX)

Pass Band Ripple..... < 0.1 dB (TX & RX)

(-RX) Isolation..... >50 dB from 869 to 894

(-TX) Isolation..... >50 dB from 824 to 849 MHz

Connectors..... “N” Female

Power Handling..... 150 Watts Max

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

Size..... 2.5” x 2.5” x 8.0”

