

# Delta Datasheet

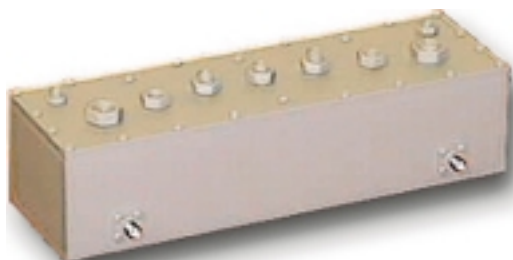
## Technical Data on Delta Microwave Products

### AMPS TX Band High-Power Filter

#### Model **U1490**

#### ***Features:***

Compact Size  
Rack mount ready (2U high)  
Co-Axial Cavity Configuration  
High Performance  
Ruggedized Package  
High Power Handling



#### **Description:**

The U51490 AMPS TX 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 RX 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:**

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 824 to 849 MHz
Connectors.....	SMAF
Power Handling.....	150 Watts Max
Operating Temperature.....	-50 to +70°C
Size.....	2.0 x 2.5 x 8.0"

