

Delta Datasheet

Technical Data on Delta Microwave Products



Global System for Mobile Communication High Power Transmit Filter Model **U1498-2**

Features:

Compact Size
Co-Axial Cavity Configuration
High Performance
Ruggedized Package
Low Price

Description:

The U1498-2 GSM Filter was developed for high power low loss wireless applications.

The Filter design uses a five section co-axial cavity bandpass filter, coupled with two "zeros" for high "Q" and low insertion loss, and high isolation of the RX band.

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 to Delta Microwave, or contact one of our sales representatives in your area.

Specifications:

Passband.....	932.5 to 952.5 MHz
Insertion Loss.....	0.5 dB (0.4 dB TYP.)
VSWR.....	1.5:1 Max
Pass Band Ripple.....	< 0.2 dB (TX & RX)
TX Rejection	>70dB from 887.5 to 907.5 MHz
Rejection	-70 dB @ 2nd Harmonic -50 dB from DC to 235 MHz
Connectors.....	"N" Female (ANT)
Power Handling	250 Watts CW, 1000 Watts peak
Operating Temperature.....	-50 to +70°C

