

# ENG Bandpass Filters

## Single Channel ENG Bandpass Filters

These filters are available for any channel within the 1990-2110 and 2450-2500 MHz ENG bands for low loss transmission of the desired channel and high rejection to out-of-band frequencies. Half or Full channels are available.

### Specifications:

	3813	5948
Center Band Loss: .....	3 dB	1 dB
1 dB Relative Bandwidth (min.):...	8 MHz	16 MHz
25 dB Rejection (min): .....	-	Fo +/-16 MHz
30 dB Rejection (min): .....	Fo +/-11 MHz	-
Impedance: .....	50 Ohms	50 Ohms
Connectors (Female): .....	N, TNC	N, TNC



## Super Selective ENG Bandpass Filter

The model 13969 is an extremely selective bandpass filter which was designed to suppress frequencies within close proximity to the ENG band, particularly the PCS band.

### Specifications:

Passband:.....	1993-2107 MHz
Insertion Loss: .....	1dB typ. at Center Frequency 3 dB max. at Passband Edges
Passband VSWR (max): .....	1.5:1
Rejection (typical): .....	10 dB at 1988 MHz 3 dB at 2110 MHz
Impedance: .....	50 Ohms
Connectors: .....	SMA Female
Operating Temperature .....	-40°C to +60°C



## Full Band Bandpass Filter

The model 10241 bandpass filter protects the ENG band (1990-2110 MHz) from harmonics caused by UHF and MDS/MMDS broadcast.

### Specifications:

Passband:.....	1990-2110 MHz
Insertion Loss (max): .....	1.5 dB
Rejection (min): .....	20 dB at Fo +/- 80 MHz (Approx.) .....50 dB at 2500-2700 MHz
Impedance: .....	50 Ohms
Connectors: .....	N Female



## Tunable Notch Filter

Series 14001 tunable notch filter suppresses strong off-band interfering carriers. Model 14001-1 tunes 1900-2400 MHz and 14001-2 tunes 1640-1900 MHz.

### Specifications:

Tuning Range (14001-1): .....	1900-2400 MHz
Tuning Range (14001-2): .....	1640-1900 MHz
3 dB bandwidth (max):.....	Fo +/- 25 MHz
Rejection (min): .....	25 dB
Impedance.....	50 Ohms
Connectors: .....	N female



Other filters available between 2110 & 2450 MHz