



## LP7 608/640 and LP7E 600/617

Models **LP7 608/640** and **LP7E 600/617** are designed to pre-select the FM,VHF-UHF band for Off-the-Air TV reception,

Model **LP7-608/640** passes 5- 608 MHz spectrum, suppress signals from 640 to 1000 MHz. Custom cut off is available.

Model **LP7E 600/617** passes 5- 600 MHz spectrum, suppress signals from 617 to 1000 MHz; ( 617-650 MHz is intended for Band 71, LTE)

### Specifications:

- Passband Insertion Loss: <1.0 dB (except <3.0 dB at band edges)
- Pass band Input Return Loss: >15 dB typical
- LP7E 600/617 rejects band 71 (LTE)
- Temperature stable from -10° to +40° C
- RF Power handling up to 2 watts
- Indoor enclosure with 75 ohms F connectors ( female)
- Supplied with final production graph.

### LP7 Options:

**Enclosure:** Indoor, Outdoor, or, Rack Mount

### Custom Pass band

**Specify** 3dB cutoff frequencies (e.g., LP7-590/630—3dB cutoff 590 and 630 mHz). Approx 6% frequency transition between passband edge and 40 dB stopband. Increased bandpass selectivity available –inquire.

### Impedance and Connectors :

75 ohms connector options:

F type female/ male, BNC female/male

50 ohms connector options:

SMA, BNC, or N female/male

### LP7 608/640

Dim (in): 4.0 x 2.5 x 2



### LP7E 600/617

Dim (in): 7.5 x 2 x 1.75



### LP7X 608/640

Outdoor enclosure

Dim (in): 4.5 x 3.5 x 2.5



### LP7EX 600/617

Outdoor enclosure

Dim (in): 6.5 x 6.5 x 4.5



### LP7E 600/617 RM

1.75 x 19 " Rack or Wall



### Order as:

#### Indoor mode

LP7 608/640 or LP7 600/617

#### Outdoor Model

LP7X 608/640 or LP7X 600/617

#### Rack Mount Model

LP7 608/640 RM or LP7 600/617 RM

#### Option: Connector/Impedance (CI)(Affix CI to model #):

Ex 1: LP7 608/640 B50 ( BNC 50 ohms)

Ex 2: LP7X 600/617 B50 ( Outdoor, BNC 50 ohms)

Ex 3: LP7 600/617 RM N50 (rack mount, N 50 ohms )

