

# DTV (UHF) Simple Mask Filter

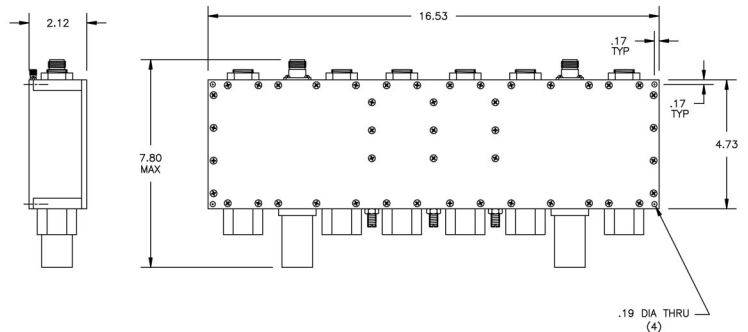
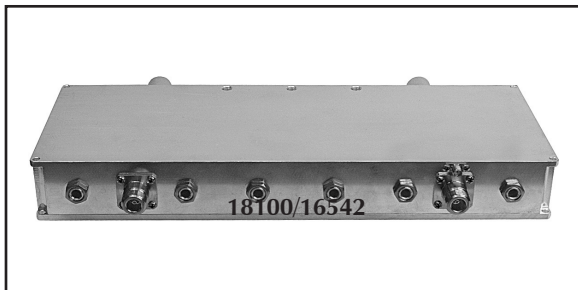
These filters suppress out-of-band emissions in conformance with FCC *digital mask* requirements for UHF Single Channel Broadcasts.

**Features :**

- 6-pole design provides ultra-selectivity
- Optional connectors available
- Special configurations available upon request (e.g. multi-channel combining)
- 50 ohm Impedance

## Model 18100-(Ch) 250 Watt (Tunable)

| Specifications                                     |  |
|--|--|
| Available Channels (Tunable)                       | DTV (14-36)  |
| Channel Insertion Loss                             | 1.5 dB Max   |
| Channel VSWR                                       | 1.15:1 Max   |
| Group Delay Variation                              | 150 ns Max   |
| Selectivity (Min.)<br>(Relative to Channel Center) | 6 dB $\pm$ 3.5 MHz<br>24 dB $\pm$ 6.0 MHz<br>36 dB $\pm$ 9.0 MHz |
| Power Rating (CW)                                  | 250 Watts Max  |
| Standard Connectors                                | N Female   |



**MICROWAVE FILTER COMPANY, INC.**

6743 Kinne Street, East Syracuse, NY 13057 • Toll Free: 800-448-1666 or 888-206-6610

www.microwavefilter.com • email: mfcsales@microwavefilter.com • International: 315-438-4700