

# Narrow Notch Filters

## 6556 Custom Built To Frequency



## 6556 Series

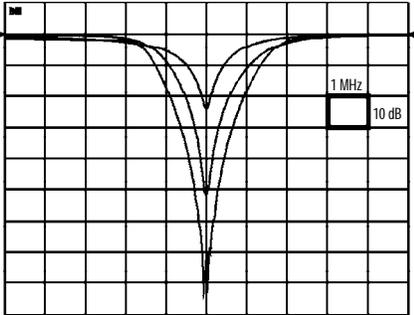
These notch filters are cut to your specified frequency ( $F_o$ ). The 6556 can be used to notch out an undesired carrier or to notch out Terrestrial Interference in the block band of your headend TVRO. They are fine tunable and are available as one, two or three cavity assemblies to give the notch loss required.

### Specifications:

- Notch Frequency Option ( $F_o$ ): ..... 900-1450 MHz
- 3 dB Bandwidth Option: ..... 1-5 MHz  
(3 MHz Standard)
- Notch Loss: ..... 16 dB Min for 3 dB BW of 3 MHz

### Mechanical Specifications:

- Baseplate Dimensions: 2" x 2" (for single cavity)
- Rack Mount Available Upon Request
- Connectors:** Standard: 75 ohm - Type F or 50 ohm - BNC  
Optional: 50 ohm - SMA or 50 ohm - Type N



Typical notch loss for one, two and three cavity assemblies for 3 dB bandwidth = 3 MHz.

### Ordering Information:

**(X)(Y)6556-(F<sub>o</sub>)/(BW<sub>3</sub>)**

**(X)** - designates the connector type  
Rack Mount Available Upon Request

**Connectors:** 50 ohm - BNC (B)  
SMA (S)  
Type N (N)  
75 ohm - Type F (F)

**(Y)** - designates number of cavities

**Cavities:** (S) Single  
(D) Double  
(T) Triple

**(F<sub>o</sub>)** - designates the notch frequency (MHz)

**(BW<sub>3</sub>)** - designates the 3 dB bandwidth (MHz)