

## TPCP-1442C / TPCP-1443C

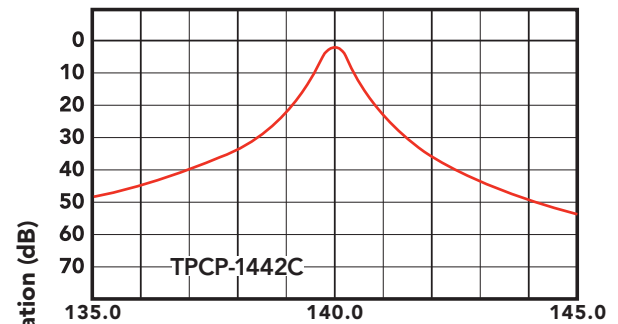
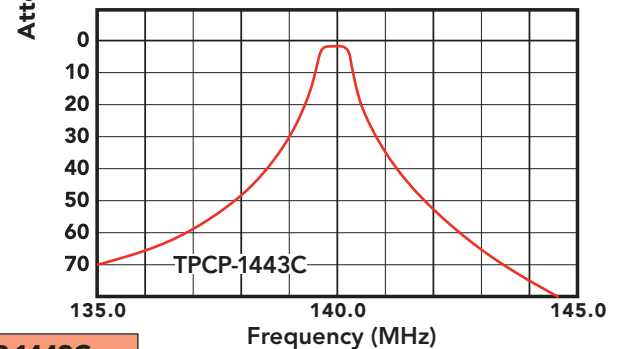
### COMPACT VHF PRESELECTORS


**TPCP-1442C**

**TPCP-1443C**

The TPCP-1442C and TPCP-1443C offer high performance in a compact design for the 135-151 MHz VHF band.

A custom extruded 4-inch square cavity allows horizontal mounting on a standard 19-inch rack, with rack height of 5.25". The TPCP-1442C uses two cavities to provide typical attenuation of better than 50 dB at +/- 5 MHz, and insertion loss of 1.0 dB or less. The TPCP-1443C uses three cavities, and provides typical attenuation of better than 70 dB, and insertion loss of 1.5 dB or less.


**TYPICAL RESPONSE CURVES**

**Frequency (MHz)**

SPECIFICATIONS	TPCP-1442C	TPCP-1443C
Frequency range	135-151 MHz	
Bandpass (typ)	700 KHz	1.5 MHz
Attenuation at +/- 5 MHz	50 dB (min)	70 dB (min)
Insertion loss (typ)	1.0 dB	2.0 dB
Power input (max)	350 watts	
Impedance (nom) / VSWR (max)	50 ohms / 1.5:1	
Temperature range	-30°C to +70°C	
Number of cavities / size	2 / 4"	3 / 4"
Connectors	N Female, UHF (opt.)	
Dimensions (HWD) in. (cm)	5.25 x 19 x 15 (13.3 x 48.3 x 38.1)	
Mounting	19" rack mount	
Finish	Alodine / Gray acrylic enamel	
Weight lb. (kg)	12 (5.4)	15 (6.8)