

TPCP-1542C / TPCP-1543C COMPACT VHF PRESELECTORS

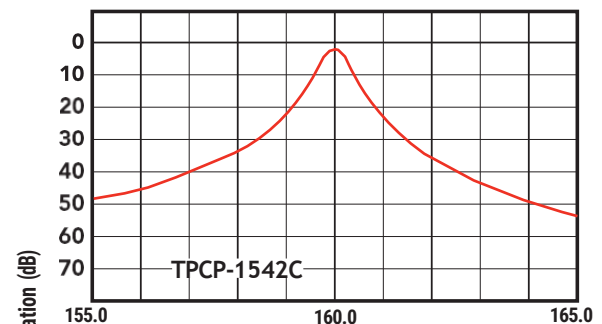
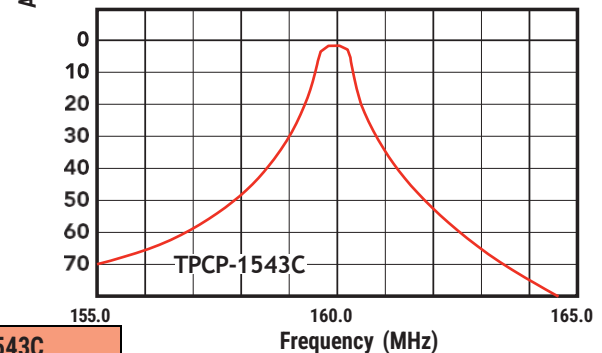

TPCP-1542C

TPCP-1543C

The TPCP-1542C and TPCP-1543C offer high performance in a compact design for the 148-174 MHz VHF band.

Custom-extruded 4-inch square cavities allow horizontal mounting on a standard 19-inch rack, with rack height of 5.25". The TPCP-1542C 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-1543C uses three cavities, and provides typical attenuation of better than 70 dB, and insertion loss of 1.5 dB or less.


TYPICAL RESPONSE CURVES


SPECIFICATIONS	TPCP-1542C	TPCP-1543C
Frequency range	148-174 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 14 (38.7 x 48.3 x 35.6)	
Mounting	19" rack mount	
Finish	Alodine / Gray acrylic enamel	
Weight lb. (kg)	11 (5)	14 (6.4)