

TWX-50, 150 RECEIVER CRYSTAL FILTER

Telewave Crystal Filters provide an extremely narrow bandpass for a single frequency, to protect a receiver from nearby transmitters and adjacent channel interference. This bandpass is much sharper than a typical high "Q" cavity filter.

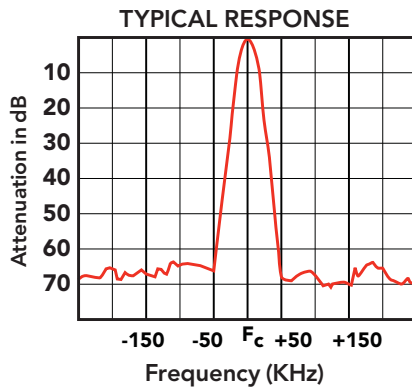
The combination of a crystal filter and a Telewave TLA or TGA series preamplifier can often rescue a receiver that has been impacted by an new adjacent transmitter, or allow implementation of a system with insufficient available frequency spacing.



TWX-50, 150



SIDE VIEW



SPECIFICATIONS	TWX-50	TWX-150
Frequency range	36-88 MHz	138-174 MHz
Attenuation ± 30 KHz (min)	20 dB	20 dB
Attenuation ± 50 KHz (min)	50 dB	60 dB
Insertion loss (typ)	4 dB	7 dB
Impedance / VSWR (max)	50 ohms / 1.2:1	
Input level (max)	0 dBm	
Temperature	-20° to +70° C	
Dimensions (HWL) in. (cm)	1 x 1 x 3.75 (2.5 x 2.5 x 9.5)	
Weight lb. (kg)	0.5 (0.23)	