Telewave.io

25 - 220 MHz

TWX-150

RECEIVER CRYSTAL FILTER

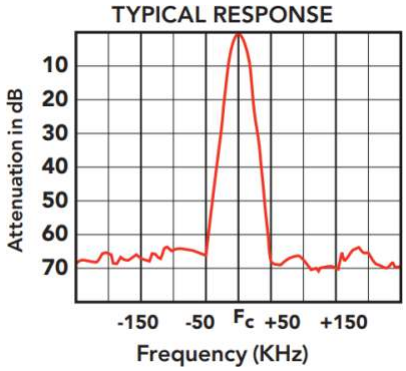
Telewave.io Crystal Filters provide an extremely narrow bandpass for a single frequency to protect a receiver from nearby transmitters and adjacent channel interference. This bandpass is much sharper than a typical high "Q" cavity filter.

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

The default connector type is N-F to N-F. Contact Telewave.io for other connector configurations.

TWX150-NF

SIDE VIEW



SPECIFICATIONS	TWX-150			
Frequency range	25-36 MHz	36-90 MHz	90-138 MHz	138-220 MHz
Attenuation (20 dB min) ± KHz	26 KHz	26 KHz	30 KHz	30 KHz
Attenuation (40 dB min) ± KHz	50 KHz	50 KHz	50 KHz	50 KHz
Insertion loss (typ)	5 dB	6 dB	6 dB	7 dB
Attenuation (max)	60 dB	50 dB	60 dB	60 dB
Input level (max)	0 dBm			
Impedance / VSWR (max)	50 ohms / 1.2:1			
Temperature range	179 MHz and below: -20° to +70° C 180 MHz and above: -20° to +60° C			
Dimensions (HWL) in. (cm)	1 x 1 x 3.75 (2.5 x 2.5 x 9.5)			
Weight lbs. (kg)	0.5 (.23)			

Specifications subject to change without notice
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