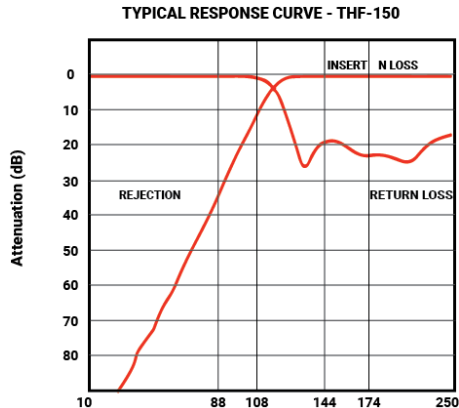


THF-150, 450, 860 HIGHPASS FILTERS

Telewave.io Highpass Filters eliminate spurs and noise that may occur below the fundamental frequency of a transmitter. They are also used to protect receivers from nearby high-power transmitters. These devices feature low insertion loss and are designed to be installed in the transmission line continuously. The standard connector configuration is N Female to N Male.



THF-150 (132-174 MHz)

Freq. (MHz)	Insertion Loss (dB)	Rejection Typ at ½ F
132	-0.80	-54.50
150	-0.60	-45.30
174	-0.45	-37.60

THF-450 (406-512 MHz)

Freq. (MHz)	Insertion Loss (dB)	Rejection Typ at ½ F
406	-0.50	-54.20
460	-0.40	-51.80
512	-0.30	-36.20

THF-860 (763-960 MHz)

Freq. (MHz)	Insertion Loss (dB)	Rejection Typ at ½ F
763	-0.50	-48.50
814	-0.45	-44.40
860	-0.40	-40.50
932	-0.40	-34.40
960	-0.40	-31.70

SPECIFICATIONS	THF-150	THF-450	THF-860
Frequency range	132-174 MHz	406-512 MHz	763-960 MHz
Impedance (nom.)	50 ohms		
VSWR (max)	1.3:1		
Power (max)	0.5 W		
Insertion loss (typ)	See Table		
Rejection (typ) at 1/2 Fc	See Table		
Dimensions (HWL) in. (cm)	0.67 x 0.82 x 2.9 (17x21x74)		
Weight OZ. (g)	3.20(0.90)		
Connectors	Standard configuration is N-F to N-M for inline use.		