

TTPP-8642

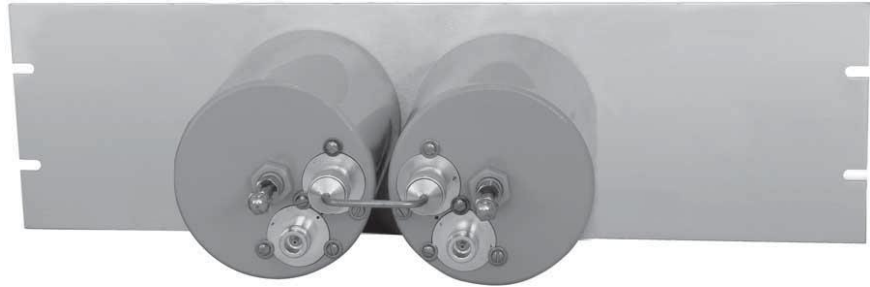
BANDPASS / BANDREJECT PRESELECTOR

The Telewave.io Model TTPP-8642 Bandpass-Bandreject Preselector is designed for use with master receive systems to insure rejection of external noise sources. The TTPP-8642 utilizes an exclusive "side-by-side" coupling technique which produces a 5 MHz bandpass, and a reject characteristic at 45 MHz above the passband.

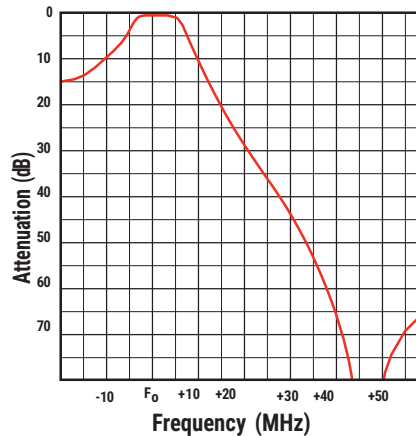
This provides optimum receiver protection when installed between a receiver multicoupler and the antenna. High power capability also allows these units to be used as sideband filters on the outputs of transmitters or transmitter combiners.

These filters cover a 5 MHz pass bandwidth, and they consist of 2 series-connected cavities. They feature "sharp-skirt" selectivity with minimum insertion loss. All units are factory tuned to customer-supplied frequencies and no further adjustment should be necessary.

Heavy duty materials are used throughout these bandpass filters to insure top performance and long life, and Mil-Spec semi-rigid cable is used for interconnections. Temperature stability is maintained from -30 to +70°C by the use of temperature compensators, and threaded invar rod. Tuners are silver plated and sliding contacts are made with beryllium copper fingerstock. All models are 19" rack-mountable, and come with N Female connectors.



TYPICAL RESPONSE CURVE



SPECIFICATIONS - TTPP-8642	
Frequency range	806-960 MHz
Bandpass (max)	5 MHz or less
Attenuation (+45 from Fo)	90 dB
Insertion loss (typ)	0.5 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"
Connectors	N Female
Dimensions (HWD) in. (cm)	5.25 x 19 x 10.5 (13.3 x 48.3 x 26.5)
Mounting	19" rack mount
Finish	Alodine / Gray acrylic enamel
Net weight lb. (kg)	8 (3.6)
Shipping weight lb. (kg)	12 (5.5)