

## Broad Band Common Noise Choke 75m>10m

### Mod # RECV-CHK-BB

#### Description

Common mode noise choking of greater than 1,500 Ohms  $R_s$ (Resistive Choking) from the 75m Band(3900 kHz) up past the 10 m Band(32,000 kHz) and a broad peak in the mid-Band(41m) of over 4,000 Ohms  $R_s$ (Resistive Choking). If your area of interest is the 41m Band and below may we suggest our “Tropical” Band Common Mode Noise Choke. Low insertion loss(0.2%) with an SWR of 1.1:1 or less from 500 kHz to 32,000 kHz. These chokes are NOT effective against atmospheric noises like lightning.

- SO239(accepts PL259) Cable Connector Gold+Silver Plated with Teflon® insulator.
- Internal Transmission line is Mil-Spec Teflon® with Silver Plated Conductors.
- 50 Ohm Impedance In/Out.
- Non-Directional.
- DC passing.
- ABS Plastic Enclosure.
- Wall Mountable.

Separate 10-32 Ground Studs tied to each SO239 Connector independently.



Compact (3“ W x 1.25“ H x 2.5“ D) Mtg Holes 2.5“ OC 0.186 dia

Receive only--not for transmitting and indoor use only unless mounted in a Waterproof enclosure.

**Tech Tip:** The chokes can be located anywhere along the signal chain, but may be more effective against a certain noise source at a certain frequency at a particular position on the coaxial cable. Three good places to start in order of preference are:

1. At a mid-point, i.e. where the coaxial cable enters the house and access to a RF Ground is available.
2. Near the Receiver.
3. Near the Antenna.
4. The Ground Studs can be tied to an RF ground for improved performance, with the receiver or antenna side tried for best results. Every installation is different so a little experimentation should be tried.

\*In certain difficult circumstances more than one choke may be needed and at different locations.