

New pHEMT FET ultra low noise
preamp for 160 meters with Two
Position Antenna Switch and 75 ohm
Termination of unused direction coax.

Model-SV-PP-SF-160 RBOG

This is a new ultra low noise Push-Pull Source Follower preamp with tuned input for 160 meters. This preamp has adequate gain required for small loop or pennant type antennas and is perfect for a SV-BOG Beverage-on-Ground Antennas.

The pHEMT FET's used in this preamp are spec'd with noise figure as low as 0.4db and typical gain of 20db The Pre-Amp comes with a bypass relay for operating frequencies higher than 1.8 mhz And can be used with any two RX antennas by merely connecting to both FWD and REV Antenna terminal Selection is done by the front Panel Toggle Switch.

The Avago 33143 or Filtronic FPD-750SOT343 pHEMT (pseudomorphic High Electron Mobility Transistor) devices are used in these amplifiers.

Gary Nichols, KD9SV
4121 Fahlsing road
Woodburn, IN 46797

Tel 260 632-4642
Kd9sv@comcast.net