



Antenna Authority, Inc

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RF Limiter 2 Models

BNC - # RFL-01-B

TNC - # RFL-01-T



- Protects receivers and multicouplers from being destroyed by too much input power or static charge buildup at the antenna.
- Protects receiving systems on a continuous basis as long as the transmitting and receiving antennas are not placed closer than the following spacing:
 For a 5 watt transmitter the minimum spacing should be 1 foot
 For a 25 watt transmitter the minimum spacing should be 3 feet
 For a 40 watt transmitter the minimum spacing should be 5 feet
- Absorbs an average of 1 watt and has been tested for 5 continuous seconds with direct input from a 25 watt transmitter
- Has minimum loss, so there should be no noticeable effect on signal quality. The limiter does not turn on until the input reaches +25 dBm (about 1/4 Watt). 3rd order intermod will only be generated during times of extreme overload when the device is active.
- Phase shift is +/- 2 degrees maximum

Freq. Range: 40 to 1300 MHz
VSWR: 2.0:1
Insertion Loss: 2 dB max 45 to 1,000 MHz: 3 dB max 40 to 1,300 MHz
Power: 1 Watt average 25 Watts 5 Seconds
Cost: BNC - \$140.00, TNC - \$150.00 (call for quantity pricing)

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