## Antenna Authority, Inc.

DF Antennas Our Specialty!

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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 ¼ Watt). 3<sup>rd</sup> 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 5 Seconds @ 25 Watts

Cost: BNC - RFL-01-B, TNC - RFL-01-T

(call for pricing)

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