



## 420 – 450 MHz Integrated Circulator-Coupler-Limiter, UHF-band, 15B2NA

Renaissance is introducing a 420-450MHz Integrated Circulator Coupler Limiter to its portfolio. This UHF-band device is used for space transceiver applications, as well as short-range consumer devices that require high isolation and low insertion loss while offering high power with limited leakage.

### Specifications

Frequency	420 – 450 MHz
Power	RF LIMITER LEAKAGE: <20dBm
Insertion Loss	Tx PORT 2 TO PORT 1: 0.6 dB Rx PORT 3 TO PORT 1: 0.6 dB CAL PORT 4 TO PORT 3: 40 dB
Isolation	Tx PORT 2 TO Rx PORT 3: 20 dB ANT PORT 1 TO Tx PORT 2: 40 dB ANT PORT 1 TO CAL PORT 4: 40 dB

### Features and Benefits

- Space qualified
- Low limiter leakage
- High Isolation, low insertion loss
- High Power
- Integrated in a small footprint