



500 – 900 MHz Drop-in Circulator, UHF-band, 3G2BF
690 – 1100 MHz Drop-in Circulator, Broadband, 3G2BG

Renaissance has designed two drop-in circulators (UHF/Broadband) designed for CW and pulsed applications such as wireless infrastructures, RADAR, Military communication radios and duplexing applications. Operating over 500 – 900 MHz and 690 to 1100 MHz respectively, these circulators are compact in size (~ 2" x 2" x 0.6") and are capable of withstanding 350W of CW power levels.

| Specifications | | |
|----------------|-------------------------|-------------------------|
| | 3G2BF | 3G2BG |
| Frequency | 500 – 690 MHz | 690 – 1100 MHz |
| Insertion Loss | 0.7 dB | 0.5 dB |
| Isolation | 14 dB | 15 dB |
| VSWR | 1.50 : 1 | 1.40 : 1 |
| Power CW | 350 W | 350 W |
| Temperature | -20 to 95° C | -20 to 95° C |
| Size | 2.125" x 2.125" x 0.63" | 2.125" x 2.125" x 0.63" |

Features and Benefits

- Wideband performance
- High Power
- Compact size
- One part for many applications
- Increases system's reliability
- Space saver