



3B2NARL

700-915 MHz, Dual Junction Circulator

Renaissance has designed a high isolation dual junction circulator for Test and Measurements applications. Covering 703 – 915 MHz, this circulator provides over 50 dB of isolation within the band and < 1 dB loss and 20 dB return loss. The IM is better than -150 dBc and the circulator can withstand 100W of input power levels.

PRODUCT FEATURES

- Covers LTE and GSM Bands
- Low insertion loss and high isolation
- Compact size

BENEFITS

- Universal design for all Cellular applications
- Ideal for Test and Measurement Applications
- Optimized for space constrained applications

Specifications

Path 1-2

| | |
|----------------------|-------------|
| Pass Band | 703-915 MHz |
| Insertion loss (Max) | <1 dB |
| Flatness | <=0.7 dB |

Path 2-3

| | |
|----------------------|-------------|
| Pass Band | 758-803 MHz |
| Insertion loss (Max) | <1 dB |
| Flatness | >=20 dB |

Path 2-1

| | |
|-------------------|-------------------|
| Isolation (Min) | 50dB (758-803 dB) |
| VSWR (Max) | 1.5:1 |
| Power (CW) | 100 Watts |
| Temperature Range | 18° C to +40° C |