



9.2 – 9.8 GHz Coaxial Circulators, X-band 3A8NBP and 3A8NBQ

Ideal for radiolocation with land, airborne and naval radars, Renaissance introduces these 9.2 – 9.8 GHz X-band coaxial circulators. Each offer very low insertion loss and VSWR and can handle peak power of 250 W and 800 W, respectively.

| Specifications | | |
|----------------|--------------------|--------------------|
| | 3A8NBP | 3A8NBQ |
| Frequency | 9.2 – 9.8 GHz | 9.2 – 9.8 GHz |
| Insertion Loss | 0.5 dB | 0.3 dB |
| Isolation | 20 dB | 20 dB |
| VSWR | 1.25:1 | 1.25:1 |
| Power CW | 50 W | 100 W |
| Power Peak | 250 W | 800 W; 10% DC |
| Temperature | 0°C to 60°C | 0°C to 60°C |
| Size | .50" x .62" x .50" | .50" x .62" x .50" |

Features and Benefits

- Low insertion loss with both models
- High peak power
- Small footprint