6.9 – 7.1 GHz Coaxial Circulator, C-band, 3A7NX

For use in satellite communication and weather radar systems, Renaissance has designed a C-band coaxial circulator. Operating at 6.9 – 7.1 GHz, this circulator offers 30W of CW power with high isolation and low insertion loss.

Features and Benefits

- Superior stability within frequency range
- Low VSWR helps improve system fidelity
- Small footprint
- High level of CW power

Specifications

- Frequency: 6.9 – 7.1 GHz
- Insertion Loss: 0.4 dB
- Isolation: 20 dB
- VSWR: 1.25:1
- Power: 30W CW
- Temperature: -40°C to 85°C
- Size: .75" x .75" x .50"