



### 7.8 – 8.4 GHz Coaxial Isolators, C-Band 2A7NFC-S and 2A7NFD-S

To protect the space communication payload electronics, Renaissance offers 8.0 GHz coaxial isolators. Main features include compact size, low loss and high isolation. This device meets all of the NASA's outgassing requirements.

#### Features & Benefits

- Use of space qualified hardware
- High peak and average power handling
- Compact size
- Can be used for space or harsh environments
- Protects expensive amplifier circuits
- Optimized for space constrained applications

#### Specifications

Frequency	7.8 – 8.4 GHz
Insertion loss	0.5 dB
Isolation	20 dB
VSWR	1.25 : 1
Power (Avg)	2 Watts
Temperature	-40°C to 85°C
Size	0.62" x 0.5" x 0.5"