



2.2 – 2.4 GHz Coaxial Circulator, S-band, 3A4NFB

Renaissance has developed a new S-band coaxial circulator that is designed for amplifiers used in space applications. The circulator can operate between 2.2 – 2.4 GHz with 0.5 dB insertion loss and 20 dB isolation and return loss. The design can handle 75 W over -40 to +95° C.

Features and Benefits

- Use of space qualified hardware, can withstand harsh environments
- High peak and average power handling
- Protects expensive amplifier circuits
- Compact size, optimized for space constrained applications

Specifications

Frequency	2.2 – 2.4 GHz
Insertion loss	0.5 dB
Isolation	20 dB
VSWR	1.25: 1
Power CW	75 W
Temperature	-45 to +95 °C
Size	1.2" x 1.06" x 1.06"