



10A3BAC-3S

Power Divider, 10A3BAC-3S, Space Qualified

For space applications, Renaissance has designed a 1 – 500 MHz splitter with 0.9 dB loss that can handle 10W average in a compact 3.189” x 1.378” x 0.59”. The product is manufactured in a 100K clean room and screened per MIL-PRF-38534 Table C-111.

Features and Benefits

- Space qualified design
- Meets NASA outgassing standards
- Sustains power levels without exhibiting multipaction
- DPA, X-ray, SEM analysis performed on production runs
- Screened for desired vibration, shock, humidity and thermal cycling

Specifications

Frequency	1 – 500 MHz
Insertion loss	0.9 dB
Isolation	20 dB min
Phase Unbalance	±4°
Amplitude Unbalance	±0.4 dB
Power	10 W
Operating Temp	-10°C to 55°C
Size	3.189” x 1.378” x 0.59”