



10A2NJ-4S

4 Channel Power Divider, 10A2NJ-4S, Space Qualified

For space applications, Renaissance has designed a 1.0 – 2.0 GHz splitter with 0.4 dB loss that can handle 20W average in a compact 2.205” x 1.70” x 0.40”. 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	1.0 – 2.0 GHz
Insertion loss	0.4 dB
Isolation	22 dB
Amplitude Balance	0.3 dB
Phase Balance	3°
VSWR	1.20: 1
Input Power	20 Watts
Temp Range	-40°C to 85°C
Size	2.205” x 1.70” x .40”