

## Space Qualified Medium Power Circulator, 2.3 GHz, [S-Band]



**3A4NPE**

Looking for a medium power circulator for space applications? REC has designed a 2.2 – 2.4 GHz circulator with G-S-G construction on Ports 1 & 3 and an extended SMA on port 2. The design can handle 30W forward and reverse without multipaction and corona discharge effects.

### PRODUCT FEATURES

- Uses G-S-G construction on ports 1 and 3
- S-Band, 30W forward and reverse
- Compact size

### BENEFITS

- Optimizes match and reduces parasitic effects on VSWR
- Ideal for space up/down links
- Improves systems performance while reducing overall weight of the system

### SPECIFICATIONS

Frequency	2.2 – 2.4 GHz
Insertion loss	0.5 dB
Isolation	20 dB
VSWR	1.25 : 1
Power Forward	30 Watts
Power Reverse	30 Watts
Temperature	-45°C to 90°C
Size	1.08" x 1.06" x .75"