



1.35 – 2.70 GHz Coaxial Circulator, 3A4BN

Renaissance Electronics Corporation has developed an octave band coaxial circulator for military communication networks operating at 1.35 to 2.7 GHz. Build using standard stripline construction, the design can handle 50 W CW power and operate over the entire temperature range of -40 to +85C with 0.7 dB insertion loss.

The unit is available in standard 2.6" square footprint with N female connectors.

Features and Benefits

- Octave Band
- Military Communication Network Precision
- Compact Footprint
- High Isolation, Low Insertion Loss

Specifications

Frequency Range	1.35 – 2.70 GHz
Isolation	14 dB Min
Insertion Loss	0.5 dB Typ
VSWR (max)	1.4 : 1 Typ
Temperature Range	-40° C to + 85° C