

X-band Drop-in Isolator



2H7NDQ

Renaissance has developed a new drop-in isolator to handle 25 W of reflected power in a compact size of 0.5" x 0.75" at X band frequencies. Covering 7.9 – 8.4 GHz, this isolator provides a VSWR of 1.25:1 at input and output ports with loss of 0.5 dB and isolation of 20 dB over -40 to +85 C. It is specifically designed for Mobile Satellite architecture.

PRODUCT FEATURES

- Low input and output VSWR
- Wide bandwidth
- Compact size

BENEFITS

- Provides better match to receivers
- Covers Mobile Satellite bands
- Optimized for space constrained applications

SPECIFICATIONS

Frequency	7.9 – 8.4 GHz
Insertion loss	0.5 dB
Isolation	20 dB
VSWR	1.25: 1
Power CW	25 W
Reflected Power	25 W
Temperature	-40 to 85 °C
Size	0.5" x 0.75" x 0.18"