

7.0 — 9.0 GHZ
ISOLATOR, DROP-IN
2L8NBV


DESCRIPTION:

2L8NBV is a broadband X-Band drop-in isolator that covers a frequency range of 7.0 to 9.0 GHz. Its drop-in design allows for quick and easy integration into printed circuit boards.

With its low insertion loss, frequency range, compact size, and stability over a wide temperature range, it is an ideal choice for radar systems, satellite communication, electronic warfare, and wireless infrastructure.

FEATURES & BENEFITS:

- Broadband performance across the X-band
- High isolation and low insertion loss
- High VSWR for improved system stability and reduced signal distortion
- Drop-in, compact design allows for easy integration onto a PCB

SPECIFICATIONS:

Frequency	7.0 — 9.0 GHz
Isolation	12 dB (Min)
Insertion Loss	1.0 dB
VSWR (Max)	1.66:1
Power (Avg)	5 Watts
Operating Temperature Range	0°C to +70°C
Storage Temperature Range	-55°C to +125°C
Package Size	0.25" x 0.50" x 0.18"

Revised August 2025