

**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:**

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

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