

**5.8 – 6.725 GHz**
**ISOLATOR, DROP-IN**
**R2K6NAJL-ROHS**
**DESCRIPTION:**

R2K6NAJL-RoHS is a RoHS-compliant drop-in isolator that covers a frequency range of 5.8 to 6.725 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:**

- RoHS compliant
- High isolation and low insertion loss
- High VSWR for improved system stability and reduced signal distortion
- Wide operational temperature range
- Drop-in, compact design allows for easy integration onto a PCB

**SPECIFICATIONS:**

<b>Frequency</b>	5.8 – 6.725 GHz
<b>Isolation</b>	20 dB
<b>Insertion Loss</b>	0.5 dB
<b>VSWR (Max)</b>	1.25:1
<b>Power (Avg)</b>	50 W
<b>Temperature</b>	-40°C to +85°C
<b>Package Size</b>	0.375" x 0.620" x 0.18"

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