

Laird Connectivity FG9026 Omni-Directional Antenna 900MHz 8dBi

SKU: ANT-LA-00001
 MPN: 814-FG9026

Description


The Laird Connectivity FG9026 Omni-Directional Antenna is a high-performance collinear antenna ideal for applications requiring reliable 900MHz communication. Constructed from durable fibreglass, this antenna operates efficiently within a broad temperature range of -55 °C to 85 °C, ensuring robust performance in various environmental conditions.

With a peak gain of 8dBi and vertical polarisation, the FG9026 delivers strong, consistent signals across the 902 MHz to 928 MHz frequency range. Its design supports a 360° azimuth beamwidth, making it suitable for wide-area coverage in industrial, commercial, and agricultural applications. The antenna features a single N Female RF connection, allowing seamless integration with existing systems.

Designed with a 1x1 SISO configuration, the FG9026 supports up to 100W input power, maintaining a low VSWR of <1.5:1 for optimal signal clarity. Its 50 Ω impedance ensures compatibility with a wide range...

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RF Specification

 <p>Start Frequency: Stop Frequency: Max. Input Power:</p>	<p>Laird Connectivity 902 MHz 928 MHz 100 W We simplify the ...</p>	<p>Polarisation: Input Impedance:</p>	<p>Vertical (V) 50</p>
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RF Connectors

Ports

1

RF Interface

N Female

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation
902 MHz	928 MHz	6 dBi	< 1.5:1	360°	30°

Physical Specification

Subtype:	Collinear	Dimensions:	1549.4 x 33.27
Input Ports:	1	Materials:	Fibreglass (GRP)
MIMO:	1x1 SISO	Weight:	0.5 kg
Min. Operating Temperature:	-55 °C		
Max. Operating Temperature:	85 °C		

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