

# 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...

[Read More](#)

## RF Specification

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

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		

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

