

ISM 900MHz Collinear Antenna

824 – 960 MHz

CDR2795-ISM900



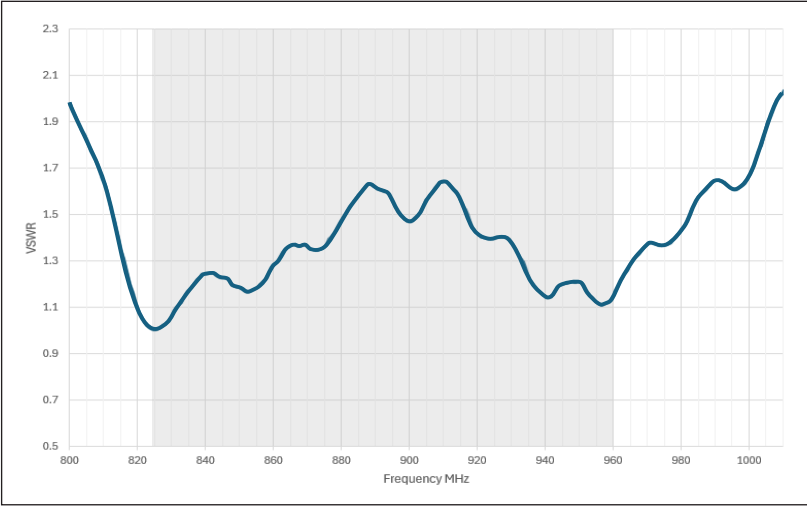
RFI's CDR2795-ISM900 antenna is a high-performance collinear style narrow band antenna for the 900MHz ISM band. It provides 6dBi of gain and is ideal for use in ISM based networks such as LoRaWAN, Zigbee, and Helium.

The antenna features an integrated N Male connector with an internal PCB radiating element ensuring consistent VSWR, pattern and tilt characteristics across the operating band.

Key Features:

- Patented PCB based collinear design offering the ultimate in pattern and gain stability
- 6dBi gain providing excellent coverage
- Integrated N male connector allowing for easy mounting for stationary and spring mounted applications

Typical VSWR:



Electrical Specifications

Model Number	CDR2795-ISM900
Frequency MHz	824 – 960
VSWR	<2.0:1
Peak Gain dBi	6
Tuned Bandwidth	Full
Nominal Impedance Ω	50
Power W	10W
Tuning	Supplied pre-tuned

Mechanical Specifications

Model Number	CDR2795-ISM900
Connector	Integrated N Type Male connector
Base Construction	Brass / Black Chrome
Whip Construction	Black fiberglass radome
Whip Length mm	841
Operating Temperature	-40 °C to 85 °C
Suggested Mounting Options	N-88 Bulkhead N type female connector
	CDR7100-SA-B-x Spring Assembly