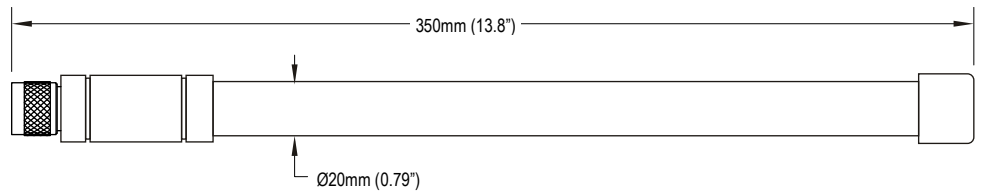
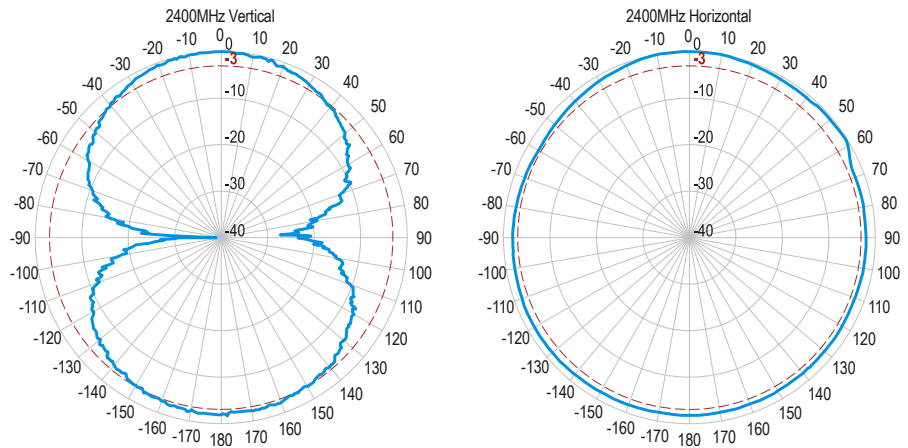


2.4GHz 6dBi Omnidirectional Antenna (N-Type Male)

Part#: 001086



Radiation Pattern



Description

Syscor's 2.4GHz 6dBi Antenna allows communication between devices within approximately 300m or 1000ft of each other.

This antenna connects to a field device's Type-N female antenna port via coaxial extension cable. This antenna should be installed with a Lightning Arrestor between it and the field device when required.

Specifications

Functional Specifications

Frequency Range	2.4-2.5GHz
Gain	6±0.5dBi
Antenna Efficiency	≥75%
Vertical Beamwidth	45±3°
Horizontal Beamwidth	Omnidirectional
Voltage Standing Wave Ratio (VSWR)	≤1.8
Polarization	Vertical
Impedance	50Ω
Max. Power	50W

Physical Specifications

Antenna Form	External Dipole Antenna
Overall Dimensions	Ø20x350mm (Ø0.79x13.8in)
Weight	250g (8.82oz)
Connection	N-type Male

Performance Specifications

Operating Temp.	-40°C to +60°C [-40°F to +140°F]
Operating Humidity	<95%
Rated Wind Velocity	36.9m/s (82.5mph)

Learn More

Antennas Technology	syscor.com/technology/antennas
PCU-X00 Repeater	syscor.com/downloads/syscor_spec-sheet_pcux00-wirelesshart-repeater_en_80173.pdf
PCU-X01 Sensor Hub	syscor.com/downloads/syscor_spec-sheet_pcux01-wirelesshart-sensorhub_en_80175.pdf
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