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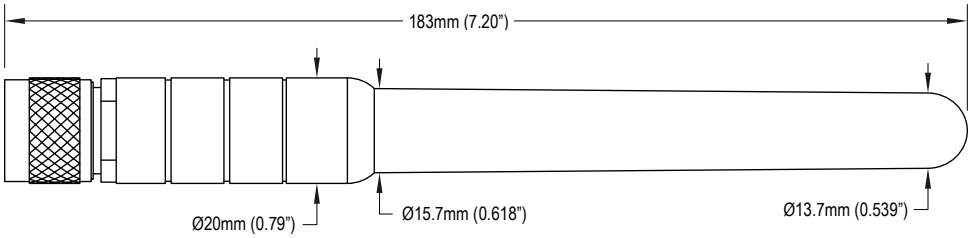
WirelessHART

2.4GHz 3dBi Omnidirectional Antenna (N-Type Male)

Part#: 001085

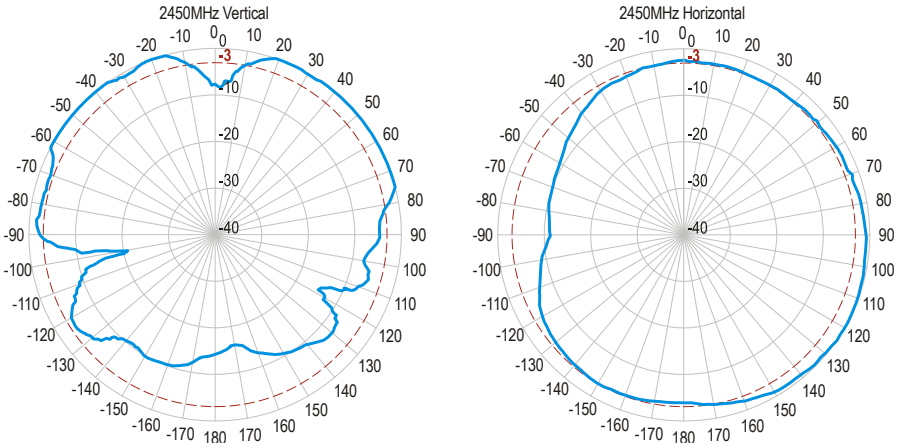


Description

Syscor's 2.4GHz 3dBi Antenna allows communication between devices within approximately 100m or 350ft of each other.

This antenna connects directly to a field device's Type-N female antenna port.

Radiation Pattern



Specifications

Functional Specifications	
Frequency Range	2.4-2.5GHz
Gain	3±1dBi
Antenna Efficiency	≥40%
Vertical Beamwidth	70±1°
Horizontal Beamwidth	Omnidirectional
Voltage Standing Wave Ratio (VSWR)	≤2.0
Polarization	Linear
Impedance	50Ω
Max. Power	2W
Physical Specifications	
Antenna Form	External Dipole Antenna
Overall Dimensions	Ø20x183mm (Ø0.79x7.20in)
Weight	51.2g (1.81oz)
Connection	N-type Male
Performance Specifications	
Operating Temp.	-40°C to +85°C [-40°F to +185°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
PCU-X11 Inclinometer	syscor.com/downloads/syscor_spec-sheet_pcux11-wirelesshart-inclinometer_en_80177.pdf

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