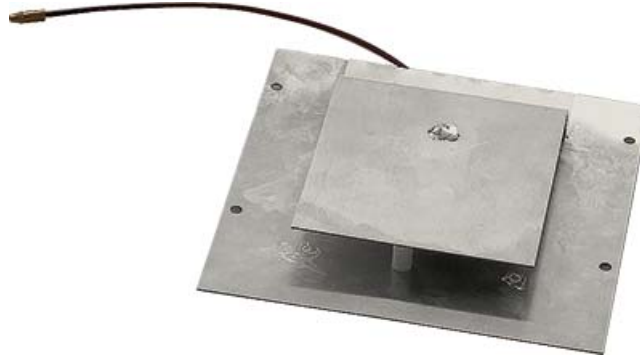


WANTENNAX010 Linear polarized 3db gain 915 MHz PIFA antenna



The WANTENNAX010 is designed for portable and desktop RFID system. It is a quarter-wave patch (also known as planar inverted-F or PIFA) antenna. The WANTENNAX010 covers the USA UHF RFID band. It is linear polarized and houses a RG 178 cable equipped with a MMCX male connector. This antenna can be used for testing purposes or as an embedded antenna for usage inside RFID enclosures or desktop reading points

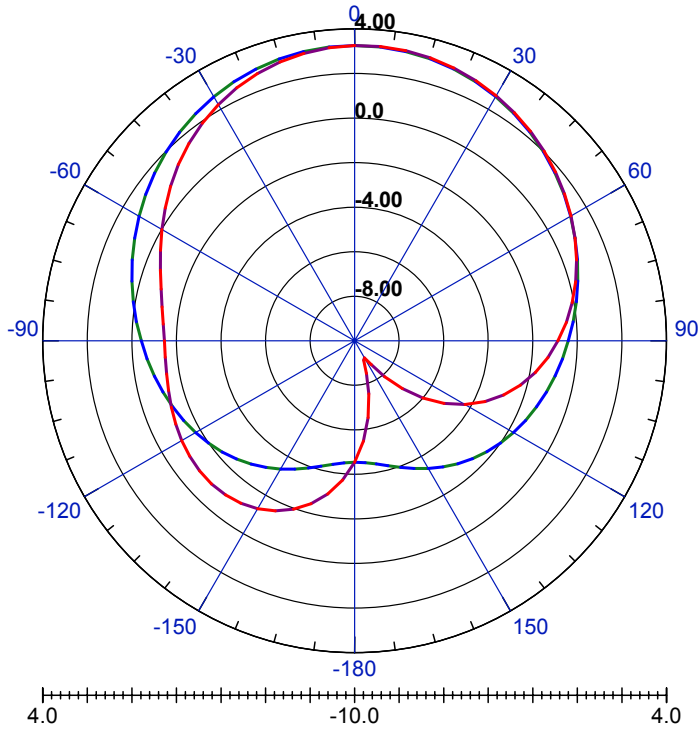
Features

- Testing antenna for RFID enclosures or desktop reading point
- 915 MHz
- 3.0 dBi gain
- Linear Polarised

Electrical Properties.	
Center Frequency	915 MHz
Impedance	50 Ω
VSWR	< 1.3 at center Frequency
E-plane beamwidth:	140°
H-plane beamwidth:	140°
Power handling	5 W
Polarization	Linear
Gain	3.0 dBi
Connector	MMCX Straight Cable plugs (male)
Cable	RG 178 (40 cm)

Mechanical Properties.	
Dimensions	120 x 120 x 10 mm ³ (4,72 x 4,72 x 0,39 inches ³)
Weight	0.6 kg (1.32 lbs)
Material	Nickel silver

Radiation Pattern Gmax=3.2dBi
CAEN RFID WANTENNAX010 915 MHz PIFA Antenna
PlanarEM1



dB(GainAccepted)	0.00
Phi=0deg, F=900MHz	
Setup 1 : Sweep 1	
dB(GainAccepted)	4.00
Phi=90deg, F=900MHz	
Setup 1 : Sweep 1	