

WANT_0915_09CP

FCC UHF RFID Antenna

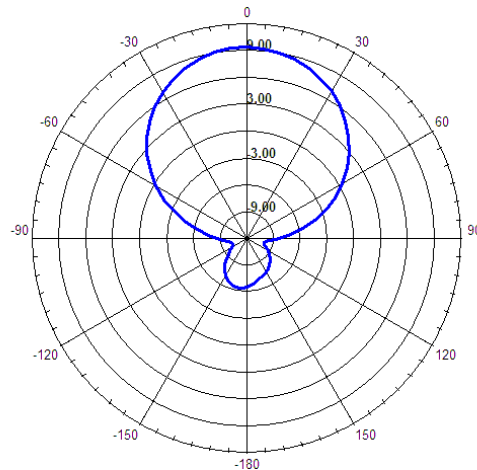
902 – 928 MHz 8.5dBc circularly polarized



WAVECOMM

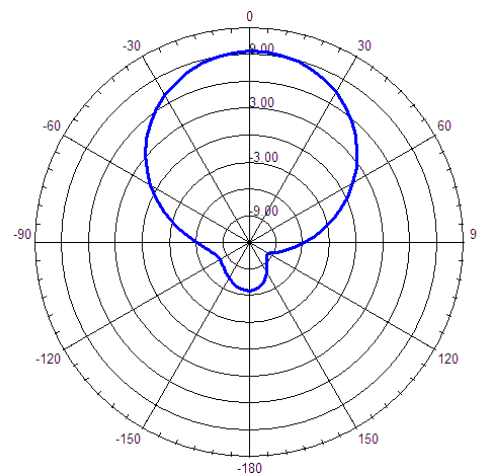
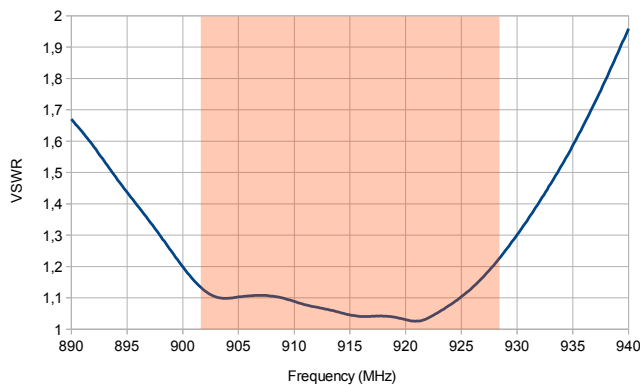
Technical specifications

Electrical specifications	
Frequency range	902 – 928 MHz
Polarization	Right Hand Circularly Polarized (RHCP) or Left Hand Circularly Polarized (LHCP)
Gain	8.5 dBc
Half-power beamwidth (3dB)	65° (Elevation) 65° (Azimuth)
Front-to-back ratio	15 dB
Axial ratio at boresight	< 2.5 dB
VSWR	1.3:1
Nominal impedance	50 ohm
Power	4 W e.i. r.p. (FCC Part 15.247) 5 W (max)
Lightning protection	Capacitor feed system
Mechanical specifications	
Dimensions (L x W x D)	270 x 270 x 75 mm
Weight	1.2 kg
Connector	N-m with 30cm RG58 cable
Radome	Polystyrene plastic (UV rating)
Mounting kit	Aluminium (for pole)
Environmental specifications	
Protection rating	IP65
Operating temperature	-30 - +60 °C
Storage temperature	-30 - +60 °C
Wind speed	160 kmh
Wind surface	0.066 m ²



Total gain - Azimuth

VSWR vs Frequency (MHz)



Total gain - Elevation

Wavecomm S.r.l. reserves the right to make changes

WAVECOMM S.r.l.

Sede legale: Via Donizetti 25, Loc. Fonterutoli, 53011 Castellina in Chianti (SI)

Sede operativa: Loc. Belvedere, Ingresso 2, 53034 Colle Val d'Elsa (SI)

Tel. +39 0577 043101, Fax +39 0577 043101, E-mail: info@wavecomm.it, Web: www.wavecomm.it

P.I./C.F./Registro Imprese di Siena n. 01108550524, Cap. Soc. Euro 15.000,00 i.v.