

18-361 RFID Antenna

PRODUCT FEATURES

- UHF RFID antenna, LHCP
- Very low VSWR in all frequency range
- VESA holder mount 100x100 (VESA not included)

AVAILABLE ACCESSORIES

- RFID Reader
- VESA holder

CONNECTIVITY

- TNC - female



MECHANICAL

Width	24.5 cm (9.65 in)
Length	24.5 cm (9.65 in)
Thickness	2 cm (0.79 in)
Weight	1.79 lbs

ELECTRICAL

	EU (ETSI)	US (FCC)
Operating frequency	865-868 MHz	902-928 MHz
Gain	8.5 dBiC	8.5 dBiC
Polarization	circular	circular
Front to Back ratio	> 20 dB	> 20 dB
Axial ratio	2 dB typically	2 dB typically
3dB elevation beamwidth	70°	70°
3dB azimuth beamwidth	70°	70°
Input impedance	50 Ω	50 Ω
VSWR / return loss	1.3 typically	1.4 typically

READING DISTANCE

for UHF RFID labels/tags

Up to 800 cm (26.2 ft), depending on multiple factors as position, presence of metals or objects filled with liquid, used tags, power and more.

ENVIRONMENTAL

Ambient temperature	0-35°C (equipment for normal indoor use)
Relative humidity	0-90% (non-condensing)
IP	IP30 (IP65 on request)

