

Callidus S 240 x 180 UHF RFID antenna

PRODUCT FEATURES

- UHF RFID antenna, LHCP
- Very low VSWR in all frequency range
- For wall or ceiling mounting
- 90° coverage
- 1 patch

AVAILABLE ACCESSORIES

- RFID Reader

CONNECTIVITY

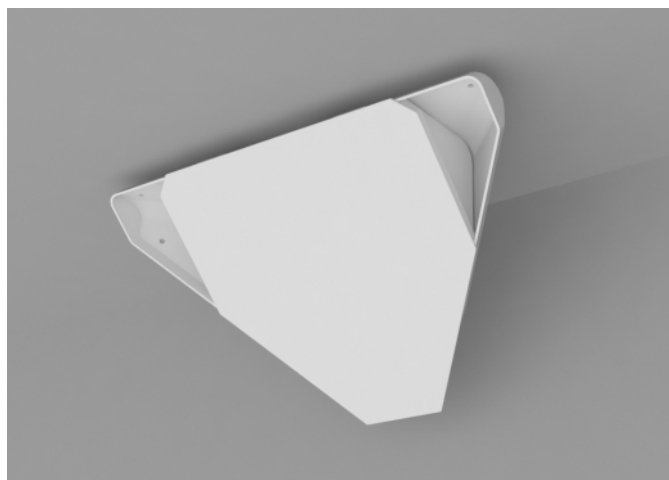
- TNC - female: 1x

MECHANICAL

Width	24 cm (9.45 in)
Height	18 cm (7.09 in)
Thickness	12 cm (4.72 in)
Weight	0.4 kg

ELECTRICAL (for a one patch)

	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	< 1.4



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)

PRODUCT ORDER CODES

ETSI	18-371.1EUW (R2)
FCC	18-371.1USW (R2)
UHF RFID reader	18-333

