

HS ETSI (FCC) UHF RFID Matt White Antenna

Product features

- UHF RFID antenna, RHCP
- Very low VSWR in all frequency range
- For wall or ceiling mounting
- 360° coverage
- 4 patches

Available accessories

- RFID Reader

Connectivity

- TNC - female: 4x

Mechanical

Width	42.9 cm (16.9 in)
Width 2	42.9 cm (16.9 in)
Height	17.9 cm (7.05 in)
Weight	1.35 kg

Electrical (for a one patch)

	EU (ETSI)	US (FCC)
Operating frequency	865-868 MHz	902-928 MHz
Gain	7.5 dBiC	7.5 dBiC
Polarization	circular	scircular
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	25-041.4EUW
FCC	25-041.4USW
UHF RFID reader	18-333

