

## Callidus RFID 240x240 panel 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	3 cm (1.18 in)
Weight	0.81 kg

### 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)

### PRODUCT ORDER CODES

Callidus RFID 240x240 panel antenna	
EU (ETSI) version, LHCP, white	18-361.TEUW
EU (ETSI) version, LHCP, black	18-361.TEUB
US (FCC) version, LHCP, white	18-361.TUSW
US (FCC) version, LHCP, black	18-361.TUSB

8 port UHF RFID reader Gen2	18-333
Reader - antenna cable (1 - 7 m after 1 m)	n/a

