

Annex no. 12

Antenna description

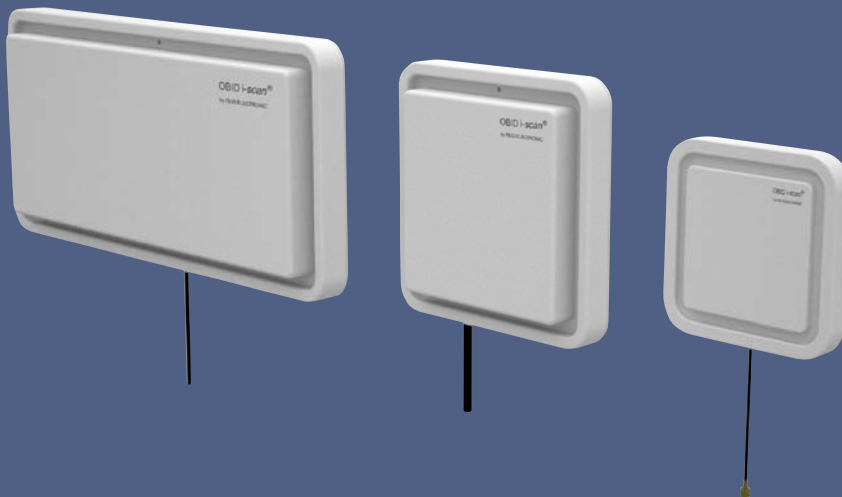
OBID i-scan® UHF

UHF RFID Antennas

ID ISC.ANT.U170/170

ID ISC.ANT.U270/270

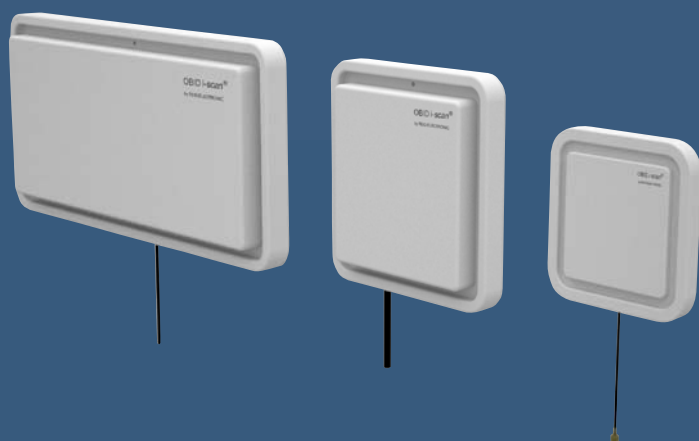
ID ISC.ANT.U600/270



FEATURES

- ID ISC.ANT.U600/270:
30° Beam width
- ID ISC.ANT.U170/170:
very small and light shape
- New design
- Circular polarization for optimal
reading performance
- Available as EU and FCC version
- IP 65 for outdoor use





ORDER DESCRIPTION

Antennas with an operating frequency of 865 ... 868 MHz:

- ID ISC.ANT.U170/170-EU
- ID ISC.ANT.U270/270-EU
- ID ISC.ANT.U600/270-EU

Antennas with an operating frequency of 902 ... 928 MHz:

- ID ISC.ANT.U170/170-FCC
- ID ISC.ANT.U270/270-FCC
- ID ISC.ANT.U600/270-FCC

AVAILABLE ACCESSORIES

Antenna cables:

- ID ISC.ANT.C2-A
- ID ISC.ANT.C6-A

Mounting sets:

- ID ISC.ANT.U170/170-MS
- ID ISC.ANT.U270/270-MS
- ID ISC.ANT.U600/270-MS

	ID ISC.ANT.U170/170	ID ISC.ANT.U270/270	ID ISC.ANT.U600/270
Dimensions	170 x 170 x 25 mm	270 x 270 x 57 mm	590 x 270 x 57 mm
Housing	ASA-ABS	ASA-ABS	ASA-ABS
Colour	White	White	White
Weight	270 g	1.210 g	2.200 g
Protection class	IP65	IP65	IP65
Gain	approx. 4 dBic	approx. 9 dBic	approx. 11 dBic
3 dB beam width	85° x 85°	65° x 65°	30° x 65°
Polarization	circular	circular	circular
Antenna connection	SMA socket (50 Ohm)	SMA socket (50 Ohm)	SMA socket (50 Ohm)
Temperature range			
Operation	- 25°C up to 55° C	- 25°C up to 55° C	- 25°C up to 55° C
Storage	- 25°C up to 80° C	- 25°C up to 80° C	- 25°C up to 80° C

Antennas are compatible with any current UHF reader system.

FEIG ELECTRONIC reserves the right to change specification without notice at any time.
State of information: March 2011.