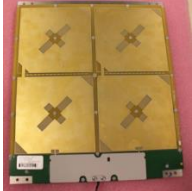


Product information

Model Number: IDA-3100

The IDA-3100 is a patch antenna with a plastic housing intended for wall or ceiling mounting.

The antenna contains the following antenna panel:

Description	Part Number	Image
915 MHz Tuned Antenna	0312-7087-01	
868 MHz Tuned Antenna	0312-7087-02	

Two antenna versions are available: an EU version and a North American version:

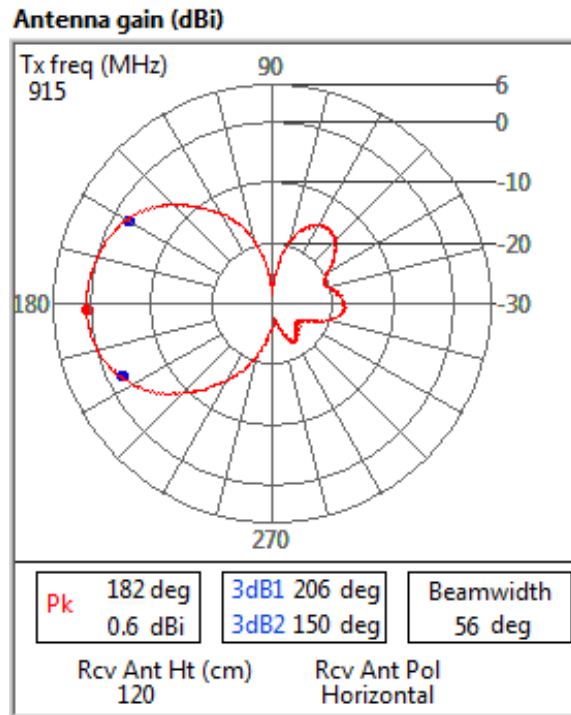
Product code	Description
IDA-3100-NA-RS	IDA-3100 Antenna 915 MHz tuning
IDA-3100-EU-RS	IDA-3100 Antenna 868 MHz tuning

Table 1: Product codes

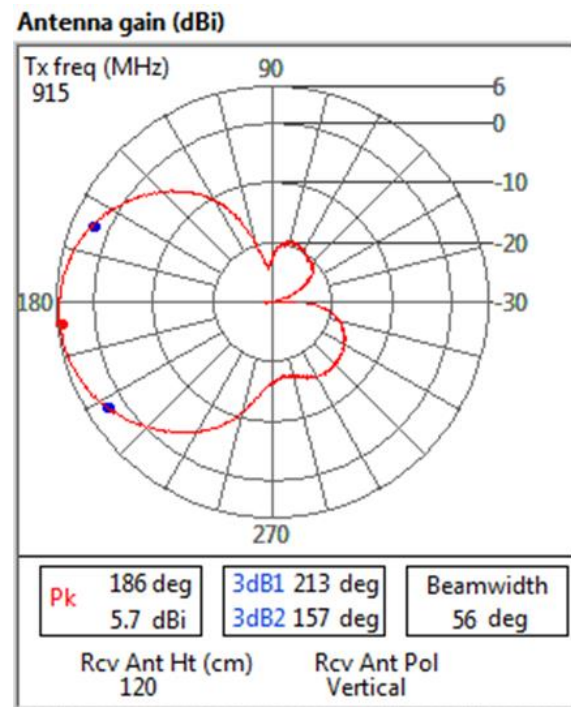
Specification	Description
Operating frequency	902 MHz to 928 MHz or 865 MHz to 868 MHz
Antenna technology	Patch
Radiation pattern	See below
Gain	6.0 dBiL
Voltage standing wave ratio (VSWR)	<2.0 (50 Ohms)
Beam width; AZ or EL	56 degrees
Polarization	RHCP
Input impedance	50 Ω
Connector	RPSMA

Regulation	ROHS: EU Directive 2015/863 WEEE: EU Directive 2012/19/EU REACH: EC No 1907/2006 ETSI EN 302 208
IP rating	Indoor antenna IPX0
Temperature range	Operating: -20° to 65°C (-4° to 149°F) Storage: -40°C to 70°C, -40°F to 158°F
Humidity	5 to 95% non-condensing
Dimensions	Length : 36cm (14in) Width: 30cm (12in) Height: 1cm (0.5in) Weight: (2.5lbs)

Antenna radiation patterns

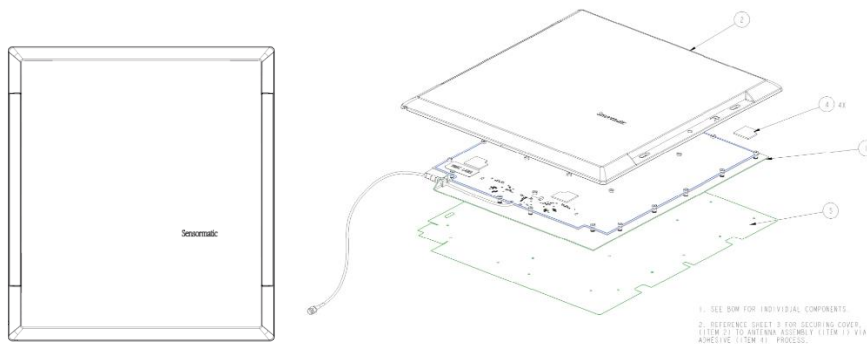


Above: Horizontal



Above: Vertical

Product images



Other declarations

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