

SIRIUS

RFID Antenna
Industry

PART ID:
4709

This Antenna is a compact RFID UHF Antenna, with a very thin form factor, circular polarization and a radiation pattern characterized by a wide beam in all directions in one hemisphere. This radiation pattern and its thin form factor make this antenna ideal for many RFID applications such as smart shelves, smart displays, smart panels and smart tables or other surfaces.

Main Specifications

Frequencies	LF HF UHF
Material	PCB
Operating Temperature	-20°C to 80°C
IP Class	IP65
Compliance	RoHs & Reach, CE
Key Features	Ultra Thin, Cost-Effective, Smart Design



Full Specifications

Product ID	4709
Name	SIRIUS
Material	PCB
Shape	PCB Antenna
Long Description	This Antenna is a compact RFID UHF Antenna, with a very thin form factor, circular polarization and a radiation pattern characterized by a wide beam in all directions in one hemisphere. This radiation pattern and its thin form factor make this antenna ideal for many RFID applications such as smart shelves, smart displays, smart panels and smart tables or other surfaces.
Key Features	Ultra Thin, Cost-Effective, Smart Design
Article Type	Industry
Color	White
Length [mm]	137
Width [mm]	137
Thickness [mm]	3.3
Weight [g]	115
IP Class	IP65

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Where application information is given, it is only advisory and does not form part of the specification.

PCB Material	FR4
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Compliance	RoHs & Reach, CE
Operating Temp °C (min)	-20
Operating Temp °C (max)	80
Storage Temp °C (min)	20
Storage Temp °C (max)	80
Typical Reading Range	3
Operating Frequency	UHF
Frequency Range	865-868MHz
Impedance [Ohm]	50
Polarisation, circular [RHCP]	circular
Connection	SMA or MCX
Mounting Method	Screw/Revit

VARIANTS

ID	Variant
4709-01-000-00	UHF Midrange 100°/100°