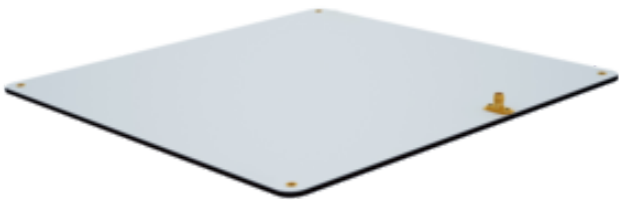


SIRIUS
RFID Antenna
Industry

PART ID:
4711

SIRIUS 4711 is a compact RFID UHF Antenna with circular polarization and a radiation pattern characterized by a 60°/60° beamwidth. This radiation pattern makes this antenna ideal for many RFID applications such as real-time inventory systems, magic mirrors and tracking through doors and corridors.



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	4711
Name	SIRIUS
Material	PCB
Shape	PCB Antenna
Long Description	SIRIUS 4711 is a compact RFID UHF Antenna with circular polarization and a radiation pattern characterized by a 60°/60° beamwidth. This radiation pattern makes this antenna ideal for many RFID applications such as real-time inventory systems, magic mirrors and tracking through doors and corridors.
Key Features	Ultra Thin, Cost-Effective, Smart Design
Article Type	Industry
Color	White
Length [mm]	277
Width [mm]	277
Thickness [mm]	3.3
Weight [g]	470
IP Class	IP65
PCB Material	FR4
Chemical Resistance	Not Specified

®TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.

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	4.3
Operating Frequency	UHF
Frequency Range	865-868MHz
Impedance [Ohm]	50
Polarisation, circular [RHCP]	circular RHCP
Connection	SMA or MCX
Mounting Method	Screw/Revit

VARIANTS

ID	Variant
4711-01-000-00	UHF Midrange 60°/60°

®TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.