SIRIUS

RFID Antenna
Industry

PART ID:
4730

SIRIUS 4730 is a compact RFID UHF Antenna with circular polarization. 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 in rough environments.

Main Specifications

Frequencies	LF HF **UHF**
Material	Aluminium
Operating Temperature	-40°C to 70°C
IP Class	IP65
Compliance	RoHs & REACH, FCC, CE
Key Features	RFID UHF, Rough Environment, Gain 9dBi, Right or left circular polarization

Full Specifications

Product ID	4730
Name	SIRIUS
Material	Aluminium
Shape	Long Range
Long Description	SIRIUS 4730 is a compact RFID UHF Antenna with circular polarization. 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 in rough environments.
Key Features	RFID UHF, Rough Environment, Gain 9dBi, Right or left circular polarization
Article Type	Industry
Color	white
Length [mm]	260
Width [mm]	260
Thickness [mm]	40
Weight [g]	1680
IP Class	IP65

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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.

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PCB Material	ABS
Chemical Resistance	Not Specified
Flame Resistance	
Mechanical Resistance	Not Specified
Compliance	RoHs & REACH, FCC, CE
Operating Temp °C (min)	-40
Operating Temp °C (max)	70
Storage Temp °C (min)	-40
Storage Temp °C (max)	80
Typical Reading Range	up to10m
Operating Frequency	UHF
Frequency Range	865-869MHz
Impedance [Ohm]	50 ?
Polarisation, circular [RHCP]	Circular right/left
Connection	N-Female
Cable Type	various
Cable Length	various
Mounting Method	Pole

VARIANTS

ID	Variant
4730-01-000-00	Plug N-Female

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