

SIRIUS

RFID Antenna
Industry

PART ID:
4707

The SIRIUS 4707 was designed for classic far field applications with large reading distances, the wide range antenna is the optimal choice. They are characterised by a very low axial ratio for circular polarization, whereby the dependence of reading results upon the position or alignment of tags is significantly reduced. For this reason and in combination with the MAGNUM 4023/4024, they are also the ideal solution for portal applications in addition to many other application possibilities.

Main Specifications

Frequencies	LF HF UHF
Material	Aluminium
Operating Temperature	-20°C to 55°C
IP Class	IP67
Compliance	RoHs & Reach, CE
Key Features	Compact Design, Read range up to 12 m, Optimised for Portal Applications, Suitable for Outdoor Use (IP67)



Full Specifications

Product ID	4707
Name	SIRIUS
Material	Aluminium
Shape	PCB
Long Description	The SIRIUS 4707 was designed for classic far field applications with large reading distances, the wide range antenna is the optimal choice. They are characterised by a very low axial ratio for circular polarization, whereby the dependence of reading results upon the position or alignment of tags is significantly reduced. For this reason and in combination with the MAGNUM 4023/4024, they are also the ideal solution for portal applications in addition to many other application possibilities.
Key Features	Compact Design, Read range up to 12 m, Optimised for Portal Applications, Suitable for Outdoor Use (IP67)
Main Use	Industrial, Logistic
Article Type	Industry

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Color	Grey
Length [mm]	300
Width [mm]	300
Thickness [mm]	49
Weight [g]	1700
IP Class	IP67
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)	55
Storage Temp °C (min)	-40
Storage Temp °C (max)	85
Typical Reading Range	12
Operating Frequency	UHF
Frequency Range	865–868 MHz
Impedance [Ohm]	50 Ohm
Polarisation, circular [RHCP]	RHCP
Connection	TNC Female
Mounting Method	Srews

VARIANTS

ID	Variant
4707-01-000-00	PLUG