SIRIUS

RFID Antenna
ATEX

PART ID:
4729

SIRIUS 4729 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 ATEX/IECEx Zone2/22 environments in conjunction with the stationary reader MAGNUM 4607.



Main Specifications

Frequencies	LF HF **UHF**
Material	Aluminium+ABS
Operating Temperature	-40°C to 70°C
IP Class	IP65
Compliance	RoHs & REACH, FCC, CE
Key Features	RFID UHF, ATEX Zone 2/22, Gain 9dBi, Reading Distance up to 10m, Right or left circular polarization

Full Specifications

Product ID	4729
Name	SIRIUS
Atex	yes
Material	Aluminium+ABS
Shape	Long Range
Long Description	SIRIUS 4729 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 ATEX/IECEx Zone2/22 environments in conjunction with the stationary reader MAGNUM 4607.
Key Features	RFID UHF, ATEX Zone 2/22, Gain 9dBi, Reading Distance up to 10m, Right or left circular polarization
Article Type	ATEX
Color	White
Length [mm]	260
Width [mm]	260

© 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.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10

Thickness [mm]	91
Weight [g]	2500
IP Class	IP65
PCB Material	FR4
Chemical Resistance	Not Specified
Flame Resistance	
Mechanical Resistance	IEC 68.2.27/ IEC 68.2.6
Compliance	RoHs & REACH, FCC, CE
Operating Temp °C (min)	-40
Operating Temp °C (max)	70
Peak Temp I / °C	70
Typical Reading Range	up to10m
Operating Frequency	UHF
Frequency Range	865-869MHz
Impedance [Ohm]	50 ?
Polarisation, circular [RHCP]	Circular right/left
Connection	SMA
Cable Type	various
Cable Length	various
Mounting Method	Pole

VARIANTS

ID	Variant
4729-01-000-00	Plug SMA

© 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.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10