

# SIRIUS

## RFID Antenna Industry

**PART ID:**  
**4741**

The SIRIUS 4741 Antenna is a compact RFID UHF antenna with a very high gain, circular polarization, and radiation pattern characterized by a wide beam in all directions in one hemisphere. The SIRIUS 4741 is also available without enclosure.

### Main Specifications

Frequencies	<b>LF HF UHF</b>
Material	ABS+PC
Operating Temperature	-20°C to 60°C
IP Class	IP67
Compliance	RoHs & REACH, FCC, CE
Key Features	Rough Environment, High gain, Wide beam, Compact Design



### Full Specifications

Product ID	4741
Name	SIRIUS
Material	ABS+PC
Shape	Long Range
Long Description	The SIRIUS 4741 Antenna is a compact RFID UHF antenna with a very high gain, circular polarization, and radiation pattern characterized by a wide beam in all directions in one hemisphere. The SIRIUS 4741 is also available without enclosure.
Key Features	Rough Environment, High gain, Wide beam, Compact Design
Main Use	Industrial Application
Article Type	Industry
Color	white
Length [mm]	270
Width [mm]	270
Thickness [mm]	79
Weight [g]	1260
IP Class	IP67
PCB Material	ABS
Chemical Resistance	Not Specified

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Flame Resistance	Not Specified
Mechanical Resistance	IEC 68.2.27/ IEC 68.2.6
Compliance	RoHs & REACH, FCC, CE
Operating Temp °C (min)	-20
Operating Temp °C (max)	60
Storage Temp °C (min)	-20
Storage Temp °C (max)	60
Peak Temp I / °C	80
Typical Reading Range	up to 12m
Operating Frequency	UHF
Frequency Range	865 - 868 MHz
Impedance [Ohm]	50 Ohm
Mounting Method	Pole/Wall

## VARIANTS

ID	Variant
4741-01-000-00	internal SMA