

## PART ID: **4708**

The SIRIUS 4708 antenna is used by system integrators and users to identify ATEX Zone 1 and IECX Zone 1 certified LF RFID transponders in conjunction with the stationary MAGNUM 4500 reader in hazardous areas. Typical applications can be found in offshore applications.

## **Main Specifications**

LF HF UHF
GF+Stainless Steel
-20°C to 57°C
IP65
RoHs & Reach, CE
ATEX and IECEx <sup>™</sup> Zone 1, Rough Environment, 125/134 kHz, ASK/FSK Modulation



ECTUS

## **Full Specifications**

Product ID	4708
Name	SIRIUS
Atex	yes
Material	GF+Stainless Steel
Shape	Aircoil
Long Description	The SIRIUS 4708 antenna is used by system integrators and users to identify ATEX Zone 1 and IECX Zone 1 certified LF RFID transponders in conjunction with the stationary MAGNUM 4500 reader in hazardous areas. Typical applications can be found in offshore applications.
Key Features	ATEX and IECEx™ Zone 1, Rough Environment, 125/134 kHz, ASK/FSK Modulation
Main Use	Industrial, Logistic, Offshore
Article Type	ATEX
Color	Steel/Black
Length [mm]	530
Width [mm]	530
Weight [g]	1700

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IP Class	IP65
PCB Material	GF+Stainless Steel
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)	57
Storage Temp °C (min)	-20
Storage Temp °C (max)	57
Typical Reading Range	500
Operating Frequency	LF
Frequency Range	125-134 KHz
Antenna Inductance L [µH]	190 µH
Antenna Resistance R [Ohm]	< 5 Ohm
Connection	Connector
Cable Type	PUR Flex Cable
Cable Length	2m

## **VARIANTS**

ID	Variant
4708-01-000-00	LF Long Range

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