

# TC Installations

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## 858; 900; 1800; 1900 & 2100MHz ATEX/IECEX Omni Directional GSM ANTENNA

European ATEX Directive 94/9/EC Annex II, 1.0.6.)  
Certificate Number **Sira 09ATEX3251X**  
& **SIR 10.0026X**

### Part Number:

TCATEX108 [5 metre lead]

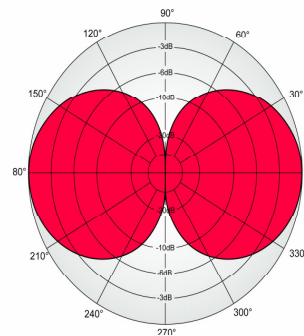


### SPECIFICATION

Frequency	858; 900; 1800; 1900 & 2100MHz
Impedance	50 $\Omega$
VSWR	<2:1
Return Loss	better than -12 dB
Gain	+2 dBi
Cable	LMR195 (LSZH)
Connector	RP-SMA
Radiating Element	PCB

*Second Connector supplied loose to customer requirements.*

### E Plane Pattern



### Mechanical

Length	210 mm
Diameter	38 mm max.
Weight	365 gms
Material	PTFE
Colour	White
2002/95/EC (RoHS) compliant	
Operating temperature range - 40°C to + 60°C	
Storage temperature range - 40°C to + 60°C	
The ATEX/IECEX certification marking are as follows:	

Ex e IIC T6 Gb  
Ex t IIIC T85°C Db IP66  
(Ta = -40°C to 60°C)

**And for ATEX certified equipment only:**

