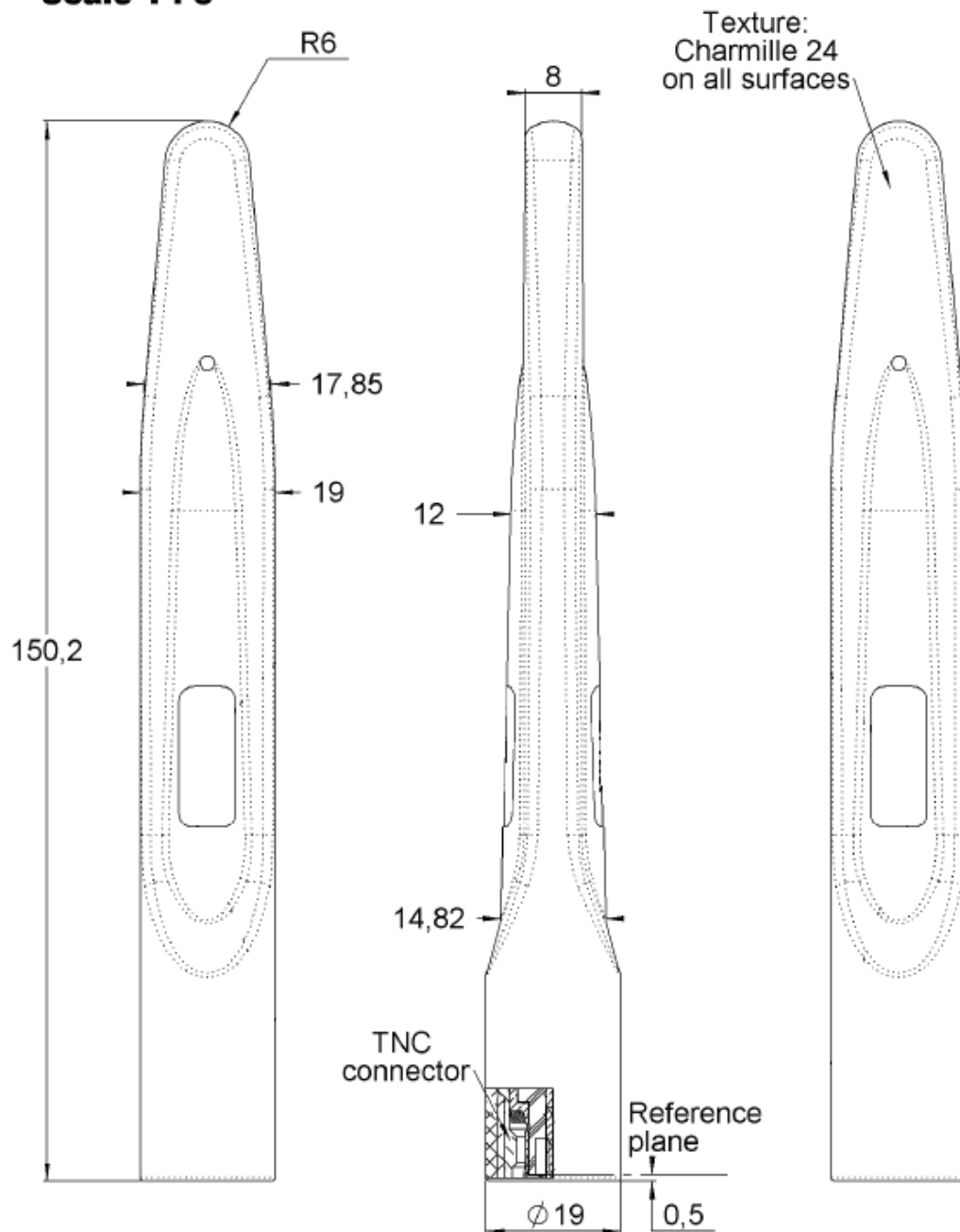


WATERPROOF MULTIBAND ANTENNA

AMPS – GSM – DCS – PCS - UMTS

MD12-027

Series : Antenna

Scale 1 : 5

All dimensions are in mm

**Issue :1215**

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

RADIAL

WATERPROOF MULTIBAND ANTENNA**AMPS – GSM – DCS – PCS - UMTS****MD12-027****Series : Antenna****ELECTRICAL CHARACTERISTICS**Frequencies : **824 - 960 MHz****1710 - 2170 MHz**Nominal Impedance: **50 Ω** VSWR : **< 3.0 : 1 Max**Peak Gain (Total Field) : **2 dBi**

Radiation Pattern

Horizontal Plane ($\Theta=90^\circ$):**Omni directional**Vertical Plane ($\Phi=0^\circ/90^\circ$):**Dipolar**

Polarization :

Linear Vertical

Power Handling :

5 W CW

Connector type :

TNC Plug**MECHANICAL CHARACTERISTICS**Overall Length (antenna) : **150.2 mm**Max Diameter: **19 mm**Radome Material : **Polyamide 6 (Nylon)**Radome Color : **RAL 9005 (Black)**Flexibility : **None****ENVIRONMENTAL CHARACTERISTICS**

Product in Conformity with the RoHS (Restriction of Hazardous Substances) and WEEE (Waste Electrical and Electronic Equipment) requirements.

Operating temperature : **-40 / +70 °C**Ingress Protection: **IP 67****Issue :1215**

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