

# OMNIDIRECTIONAL CEILING Antenna

## for GSM 900 & 1800 / PCS / DECT / UMTS

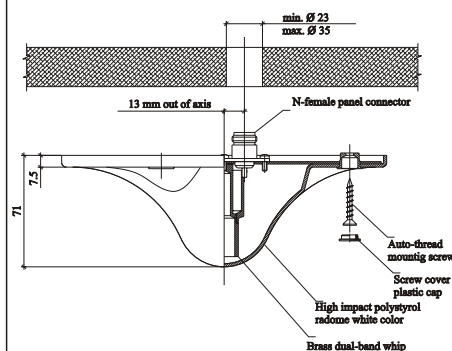
**SCM-918-2** p/n 2110703.00

### Electrical Data:

Type:	1/4 ground plane monopole at both bands
Frequency Range:	876÷960 MHz (GSM 900 band) 1.71÷2.17 GHz (GSM 1.8, DECT, DCS 1.9, UMTS)
Impedance:	50 Unbalanced
Polarization:	Linear Vertical
Gain:	2.15 dBi at both bands
3 dB Beamwidth Vertical:	E-plane: 66° at 918 MHz; 55° at 1.8/1.92/2 GHz
Beamwidth Horizontal:	H-plane: 360° Omnidirectional
Beam Tilt:	-18.6° at 918 MHz; -45° at 1.8/1.92/2 GHz
V.S.W.R.:	1.6:1 from 876 to 940 MHz 1.8:1 from 940 to 960 MHz 1.6:1 from 1.71 to 2.17 GHz
Max Power:	50 Watts (CW) at 50° C
Feed system / Position:	Direct / Base
Lightning protection:	DC-ground
Connector:	N-female

### Mechanical Data:

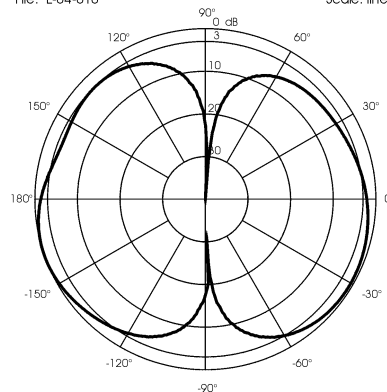
Housing Materials:	Aluminium, Brass
Radome Materials:	High Impact Polystyrol
Radome Color:	White (paintable)
Diameter:	207 mm
Height:	71 mm (without connector)
Weight (approx.):	340 gr
Mounting:	On Ceiling (screw supplied)



TYPICAL RADIATION PATTERN in E-plane at 918 MHz

File: E-04-010

Scale: linear



TYPICAL RADIATION PATTERN in E-plane at 1920 MHz

File: E-04-010

Scale: linear

