In Building Antennas
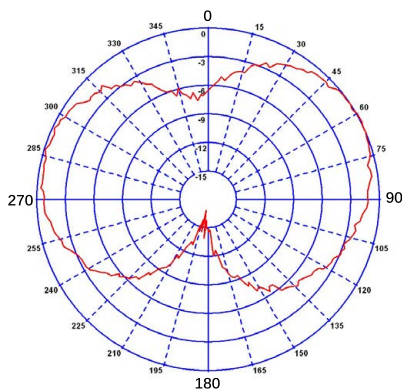
TETRA UHF Ceiling Antenna

CM-S1-08NJ
CM-S2-08NJ

• Easy installation
• In building TETRA UHF coverage
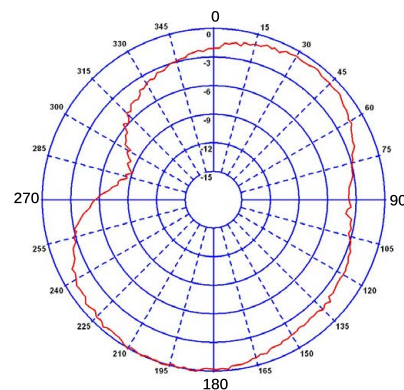• Discrete low profile appearance

The Panorama TETRA UHF ceiling antenna is designed to enhance network coverage in large buildings for the emergency services. Used in airports, large campus sites and shopping centres the antenna ensures there are no black holes in coverage or a reduction in signal strength.

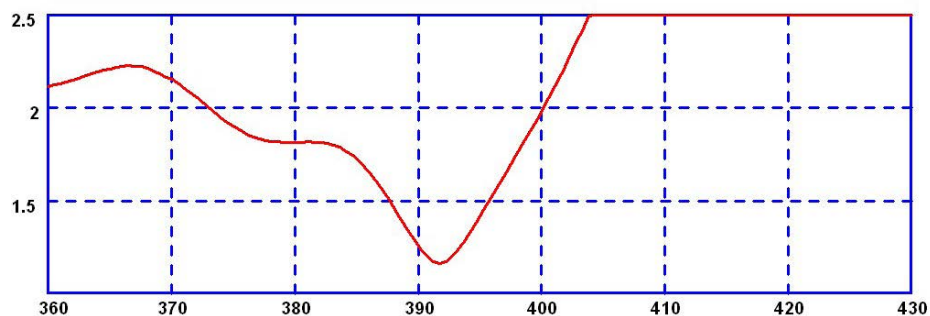The discrete and low profile appearance of the antenna minimises awareness of it presence amongst building users.
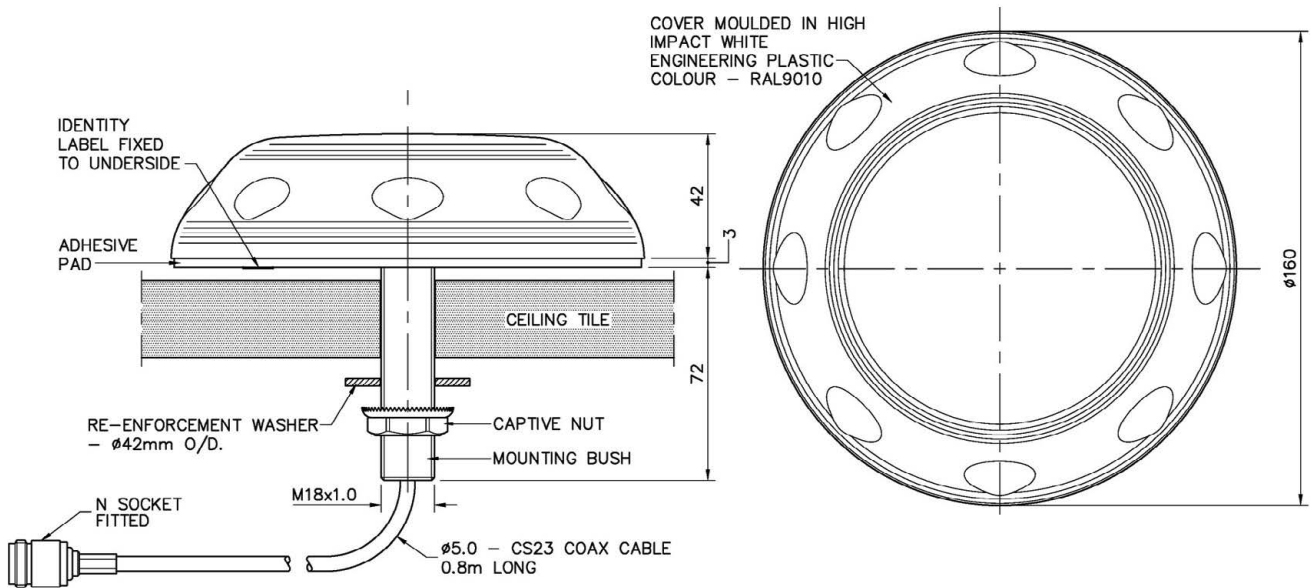
Typical E-Plane (390MHz)

Typical H-Plane (390MHz)

Typical VSWR

*Measured with 5m (16.5') of cable

Technical Drawing

Part No.		
	CM-S1-08NJ	CM-S2-08NJ

Electrical Data		
Frequency Range (MHz)	380-400	410-430
Operational Band	S1	S2
Peak Gain: Isotropic	0dBi	0dBi
Compared to ¼ wave	-2dB	-2dB
Typical VSWR	< 2.5:1	< 2.5 :1
Polarisation	Vertical	Vertical
Pattern	Omni-directional	Omni-directional
Impedance	50Ω	50Ω
Max Input Power (W)	25	25

Mechanical Data			
Dimensions (mm)	Height	42 (1.6")	42 (1.6")
	Width	160 (6.2")	160 (6.2")
Operating Temp (°C)		-40° / +80°C (-40° / 176°F)	-40° / +80°C (-40° / 176°F)
Material		Flame Retardant ABS	Flame Retardant ABS
Colour		White (RAL9010)	White (RAL9010)

Mounting Data		
Fixing	Ceiling tile mounting	Ceiling tile mounting
Mounting hole size (mm)	18 (.7")	18 (.7")
Mounting length (mm)	72 (2.8")	72 (2.8")

Cable Data		
Type	CS23 Coaxial Cable	CS23 Coaxial Cable
Diameter (mm)	5 (.19")	5 (.19")
Length (m)	0.8 (31.4")	0.8 (31.4")

PANORAMA ANTENNAS

Panorama Antennas Ltd
Frogmore, London, SW18 1HF, United Kingdom