Product Data Sheet

EF-TET

C/Note	Doc Issue	Date	Approval
01019	3	28/04/2016	J.J.

PANORAMA ANTENNAS

TETRA UHF

Internal Glass Mount Antenna



EF-TET

Covert application

No-hole installation

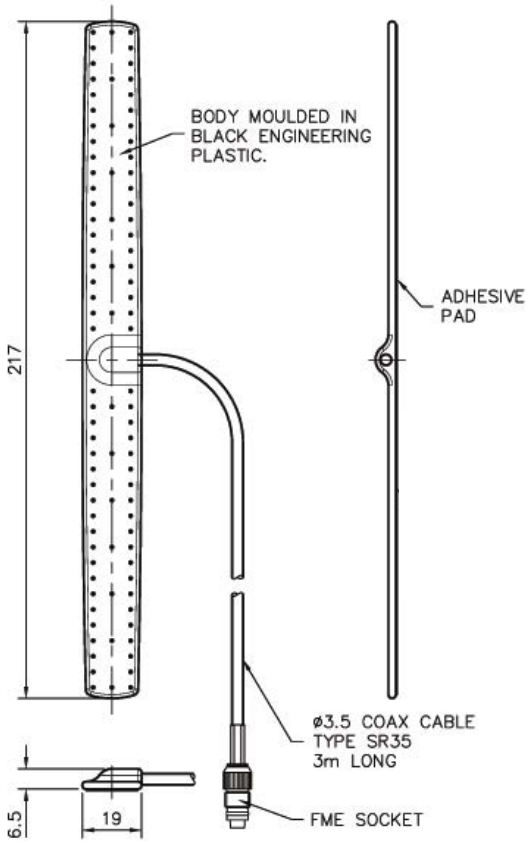
Can be removed without a trace

The EF series UHF internal glass mounting antenna provides a low visibility antenna solution for discreet or covert installations.
The antenna tuning is optimised to match a range of different automotive glass types to provide consistent performance in a wide range of vehicles and mounting positions.

With a flexible form factor, the antenna will adapt to the curvature of the glass and is easy to install with the pre-fitted automotive grade adhesive pad. The antenna is completely over-moulded for durability and sealed connection of the supplied high quality RG174 coaxial cable, which allows fitment of a wide range of connectors.

The EF series – the solution for a permanent or temporary covert installation.

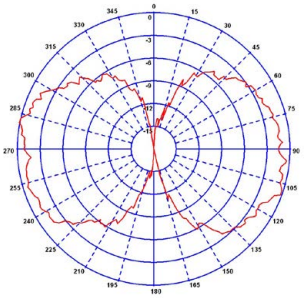
Technical Drawing



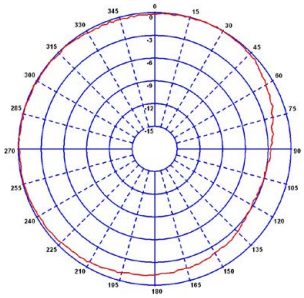
TETRA UHF

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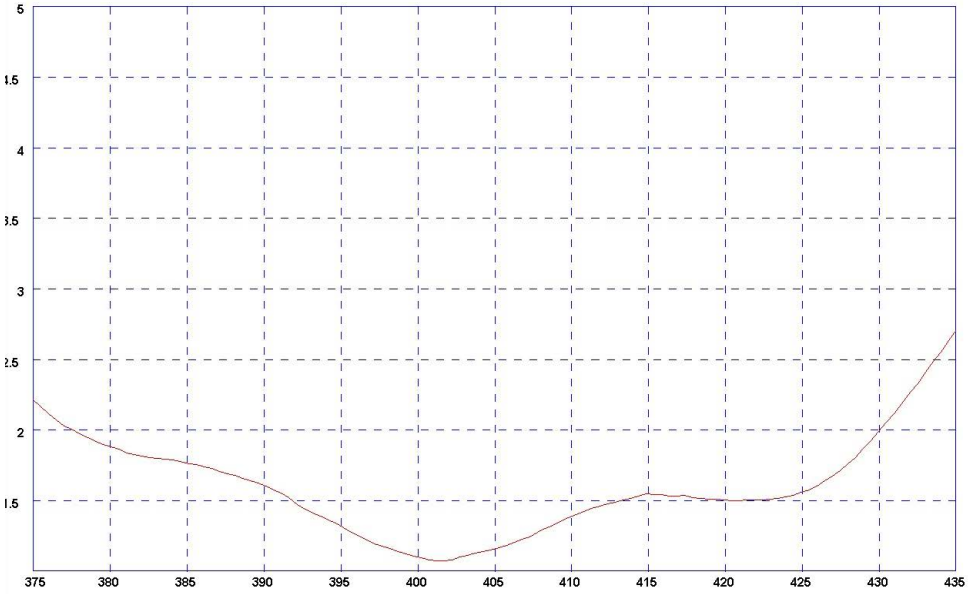
Typical E-Plane (395MHz)



Typical H-Plane (395MHz)



Typical VSWR



* EF-TET-3F measured on typical windshield glass 4mm thick.

Part No.		
		EF-TET-3F
Electrical Data		
Frequency Range (MHz)		380-430
Operational Band		TET
Peak Gain: Isotropic		2dBi
Compared to ¼ wave		0dB
Bandwidth @ 2:1 VSWR		10%
Polarisation		Vertical
Pattern		Omni-directional
Impedance		50Ω
Max Input Power (W)		20
Mechanical Data		
Dimensions (mm)	Length	217 (8.5”)
	Width	19 (0.7”)
	Thickness	2.5 (0.1”)
Operating Temp (°C)		-40° / +80°C (-40° / +176°F)
Material		TPE
Colour		Black
Mounting Data		
Fixing		Internal glass mount
Material		Acrylic adhesive pad
Colour		Black
Cable Data		
Type		RG174
Diameter (mm)		2.8 (0.1”)
Length (m)		3 (10’)
Termination		FME socket

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