

Product Data Sheet

EF-460-3F

22/03/2016 v3

UHF

Internal Glass Mount Antenna



EF-460-3F

Covert application

No-hole installation

Can be removed without a trace

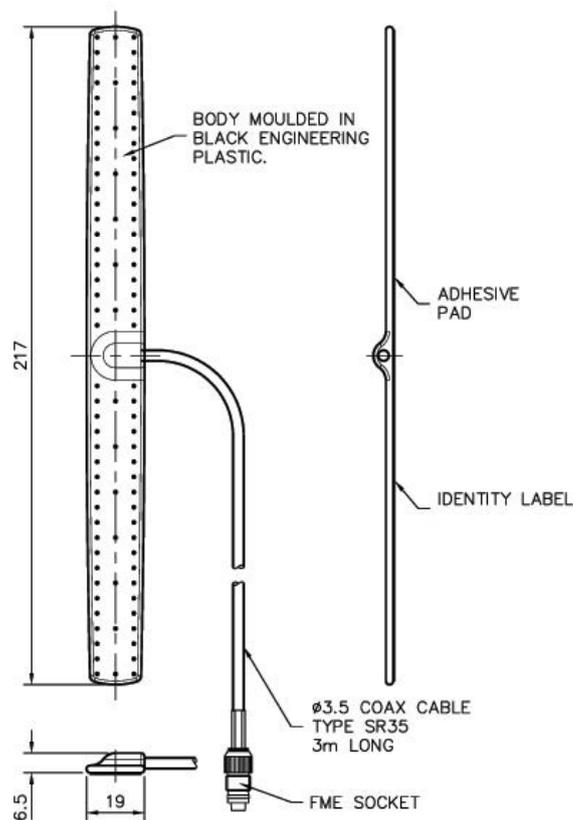
The EF series UHF internal glass mounting antenna provides a low visibility antenna solution for discreet or covert installations.

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.

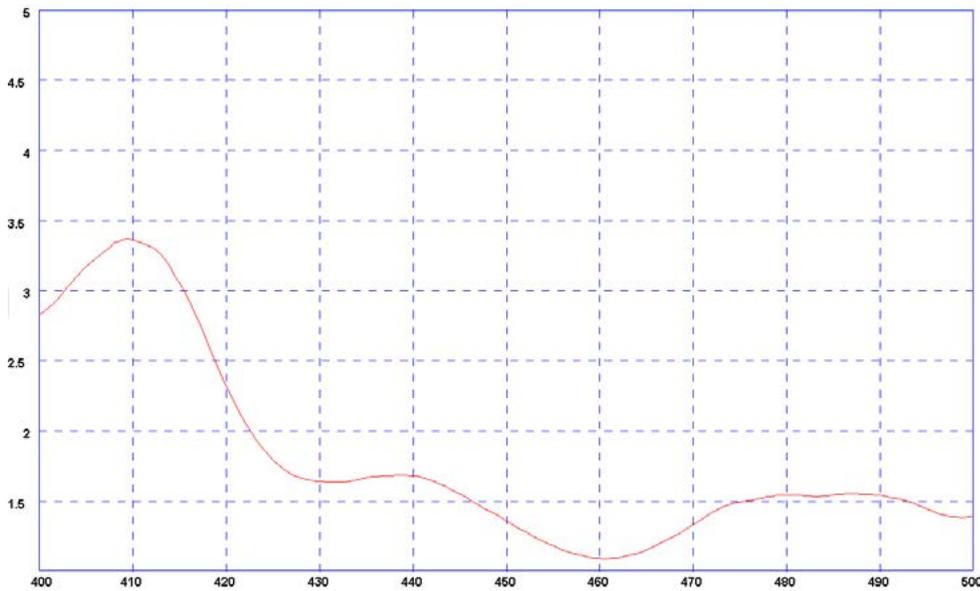
With a flexible form factor, the antenna will adapt to the curvature of the glass and is easy to install with the pre-fitted automotive grade adhesive pad. The antenna is completely over-moulded for durability and sealed connection of the supplied high quality RG174 coaxial cable, which allows fitment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

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

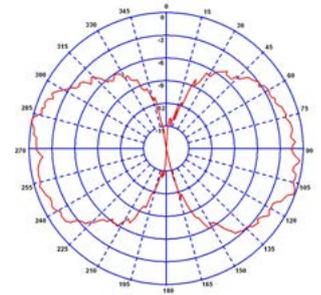
Technical Drawing



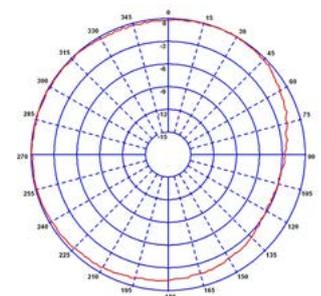
Typical VSWR*



Typical E-Plane (460MHz)



Typical H-Plane (460MHz)



*VSWR measured on typical glass with 3m (10') RG174 cable

Part No.		EF-S4-3F
Electrical Data		
Frequency Range (MHz)		450-470
Operational Band		S4
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)		40
Mechanical Data		
Dimensions (mm)	Length	217 (8.54")
	Width	19 (0.74")
	Thickness	2.5 (0.1")
Operating Temp (°C)		-40° / +80°C (-40° / +175°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 (9.8')
Termination		FME socket

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

T: +44 (0)20 8877 4444
F: +44 (0)20 8877 4477

E: sales@panorama-antennas.com
www.panorama-antennas.com

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