

Mobile Phone

Panel Mount Multiband Antenna



EB-9G-21

Panel mount

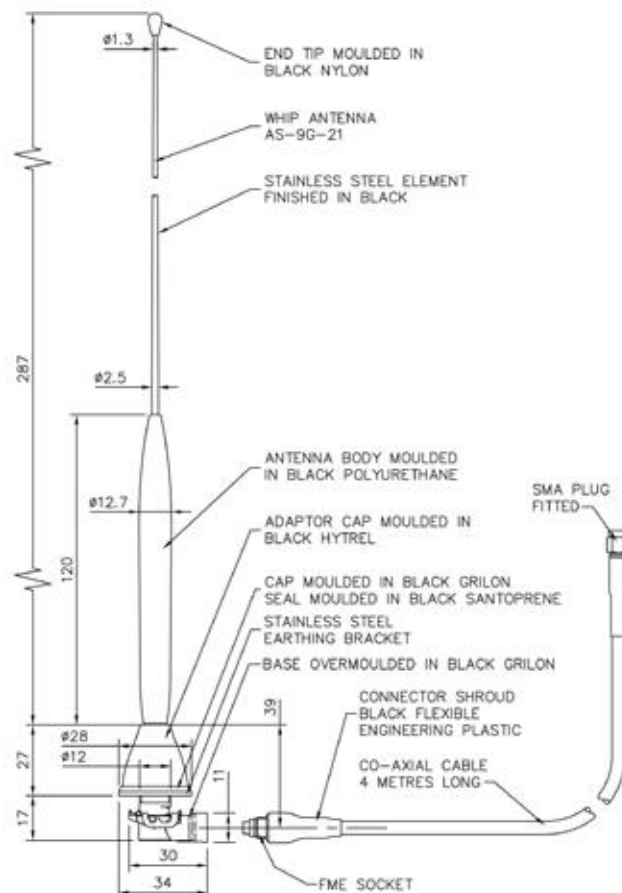
High gain tapered whip

Moulded cable option available

The 'Euro' base panel mount (EBF) has a smooth profile and is available with a range of different options to suit your needs. The flexible overmoulded AS-9G-21 whip detaches from base cup, ideal for car washing.



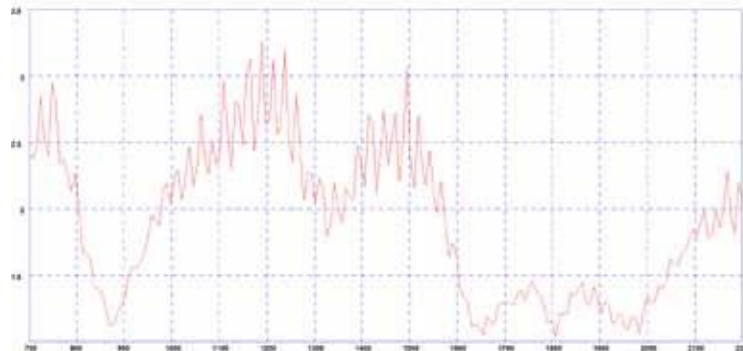
Technical Drawing



Mobile Phone

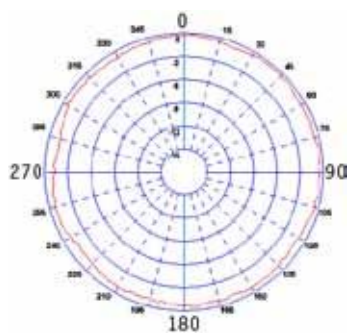
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Typical VSWR*

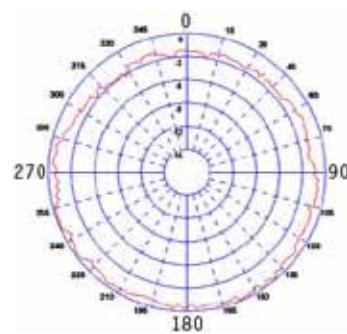


*measured on a 1m x 1m groundplane

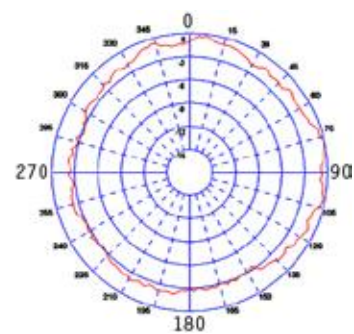
H-Plane (900MHz)



H-Plane (1800MHz)



H-Plane (200MHz)



Part No.

EB-9G-21

Electrical Data

Frequency Range (MHz)	800-960MHz & 1710-2170MHz
Operational Band	AMPS850, GSM900, GSM1800 & 3G UMTS
Gain: Isotropic	5dBi (GSM900 / AMPS 850) & 2dBi (GSM1800, PCS1900 & 3G UMTS)
Compared to ¼ wave	3dB (GSM900 / AMPS 850) & 0dB (GSM1800, PCS1900 & 3G UMTS)
Bandwidth @ 2:1 VSWR	20%
Polarisation	Vertical
Pattern	Omni-directional
Impedance	50Ω
Max Input Power (W)	50

Mechanical Data

Dimensions (mm)	Total Height	322 (12.6")
	Base Diameter	34 (1.3")
Operating Temp (°C)		-40° / +80°C
Material		Stainless steel, polyurethane(body) & nylon(cap)
Colour		Black

Cable Data

Type	URM 76
Thickness (mm)	5(0.2")
Length (m)	4 (13')
Termination	SMA plug