

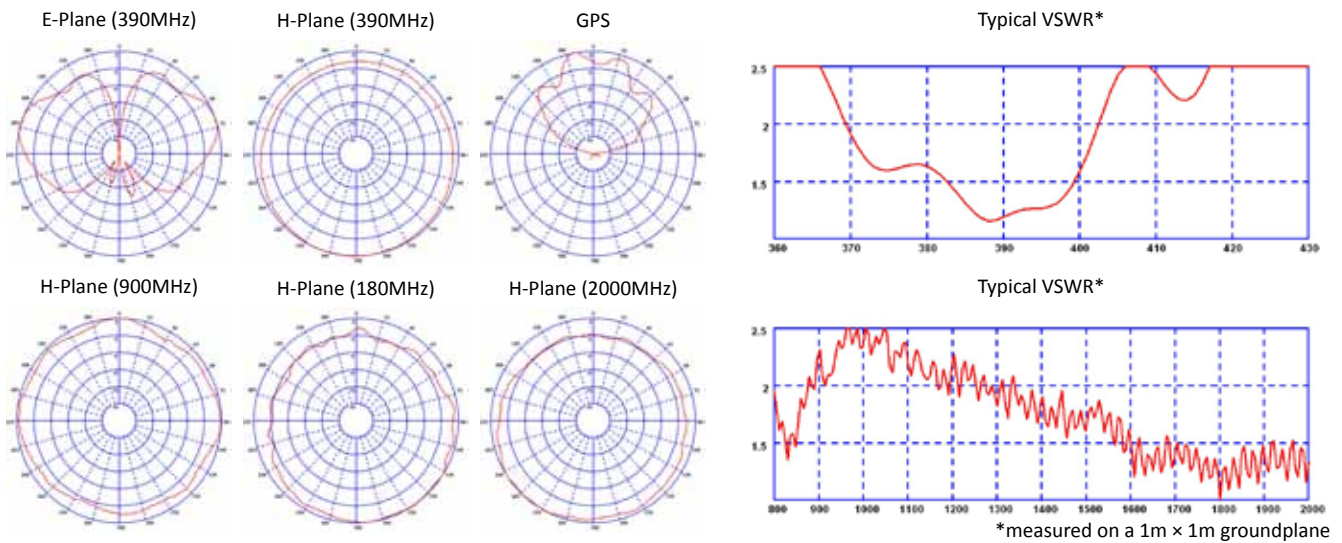


Product Data Sheet

Triple Function Combination Antenna

TETRA UHF

Triple Function Combination Antenna



Part No.		GPSA-DEP3G-S1G	GPSA-DEP3G-S2G
Electrical Data			
Frequency Range (MHz)		380-400, 890-960, 1710-1880, 1850-1990, 1900-2170	410-430, 890-960, 1710-1880, 1850-1990, 1900-2170
Operational Band		S1, GSM900, GSM1800, PCS1900, 3G UMTS	S2, GSM900, GSM1800, PCS1900, 3G UMTS
Gain: Isotropic		5dBi (on S1), 2dBi (on GSM & 3G UMTS)	5dBi (on S2), 2dBi (on GSM & 3G UMTS)
Compared to ¼ wave		3dB (on S1), 0dB (on GSM & 3G UMTS)	3dB (on S2), 0dB (on GSM & 3G UMTS)
Polarisation		Vertical	Vertical
Pattern		Omni-directional	Omni-directional
Impedance		50Ω	50Ω
Max Input Power (W)		25	25
GPS Data			
Frequency Range (MHz)		1575	1575
VSWR		<2.0:1 ± 4MHz	<2.0:1 ± 4MHz
Gain: LNA		26dB	26dB
Polarisation		Right Hand Circular	Right Hand Circular
Operating Voltage		3-7V DC (fed via coax)	3-7V DC (fed via coax)
Current		Typical 14mA	Typical 14mA
Mechanical Data			
Dimensions (mm)	Total Height	468	453.5
	Height of Base	43.5	43.5
	Length	111	111
	Width	81	81
Operating Temp (°C)		-40° / +80°C	-40° / +80°C
Material		Engineering plastic	Engineering plastic
Colour		Black	Black
Cable Data			
Type		RG316	RG316
Thickness (mm)		2.8	2.8
Length (m)		0.3	0.3
Termination	TETRA	FME plug	FME plug
	GPS	FME socket	FME socket
	Cellular	SMA socket	SMA socket

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