

5/8 Wave UHF Antenna

AUGHB-VAR

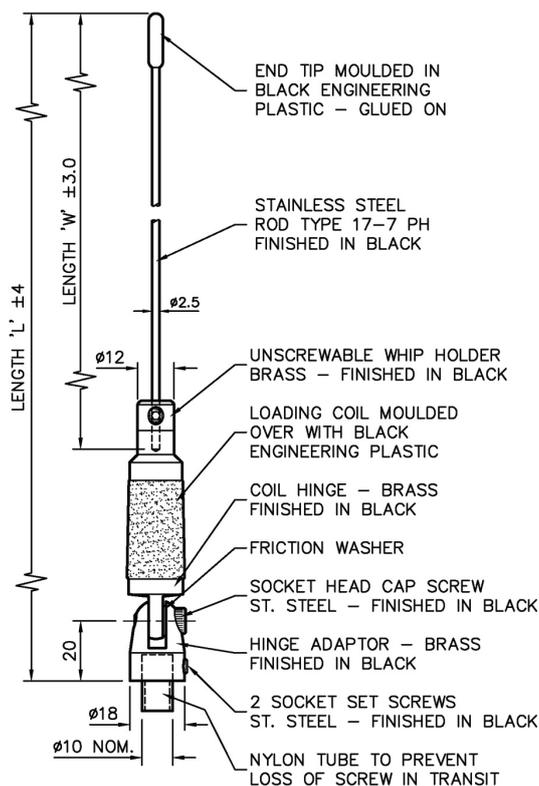


- 3.5dBi gain
- Rugged construction
- Hinged base and removable whip

The AUGHB range is a durable solution for vehicle installations requiring a medium gain UHF antenna. The antenna has a fully encapsulated impedance matching coil and a 17-7PH stainless steel whip.

The antenna is compatible with the full range of Panorama Antennas modular bases and incorporates a hinge to enable vertical orientation.

Technical Drawing



5/8 Wave UHF Antenna

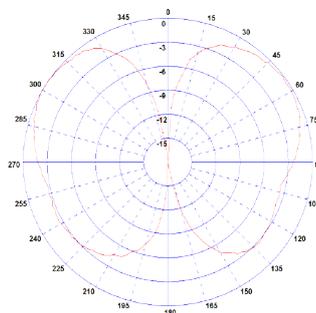
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Product Data

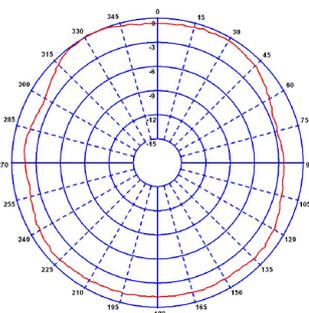
Part No.	AUGHB-S1	AUGHB-S2	AUGHB-TET	AUGHB-U
Electrical Data				
Frequency Range (MHz)	380-400	410-430	380-430	430-472
Operational Band	S1	S2	TET	U
Peak Gain: Isotropic	3.5dBi	3.5dBi	3.5dBi	3.5dBi
Compared to 1/4 wave	1.5dB	1.5dB	1.5dB	1.5dB
VSWR	<2:1	<2:1	<3:1	<2:5:1
Polarisation	Vertical	Vertical	Vertical	Vertical
Pattern	Omni-directional	Omni-directional	Omni-directional	Omni-directional
Impedance	50Ω	50Ω	50Ω	50Ω
Max Input Power (W)	50	50	50	50
Mechanical Data				
Total Height (mm)	503 (19.8")	456 (17.9")	485 (19")	416 (16.3")
Operating Temp (°C)	-40°/+80°C (-40°/176°F)	-40°/+80°C (-40°/176°F)	-40°/+80°C (-40°/176°F)	-40°/+80°C (-40°/176°F)
Material (coil)	Polyamide	Polyamide	Polyamide	Polyamide
Material (whip)	17-7 Stainless steel	17-7 Stainless steel	17-7 Stainless steel	17-7 Stainless steel
Colour	Black	Black	Black	Black

Electrical Data

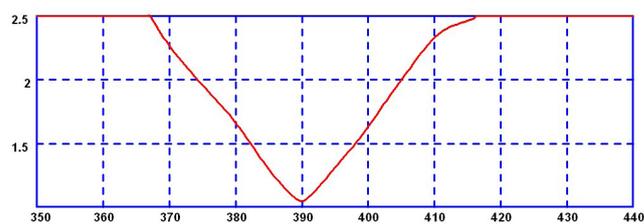
Typical E-Plane (390MHz)



Typical H-Plane (390MHz)



Typical VSWR*



*measured with AUGHB-S1 mounted on a 600x600mm (19.7' x 19.7') groundplane with 5m of CS23 cable.