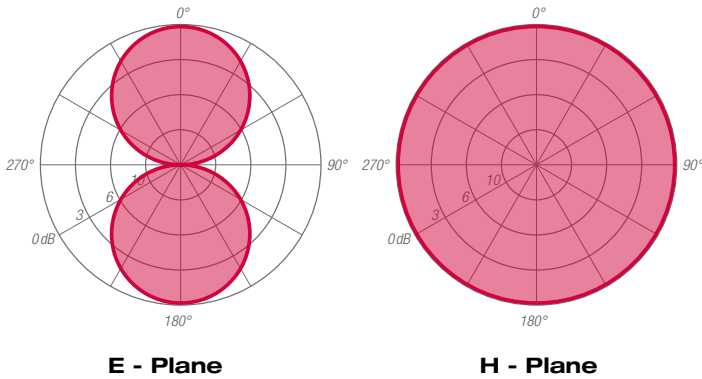




### ANTENNA FEATURES

- Ground plain antenna.
- Vertical polarization.
- Broadband 87.5÷108 MHz.
- Omnidirectional radiation pattern.
- Demountable.

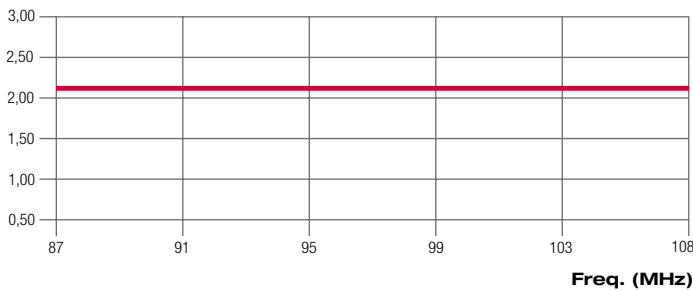
### RADIATION PATTERNS (Mid Band)



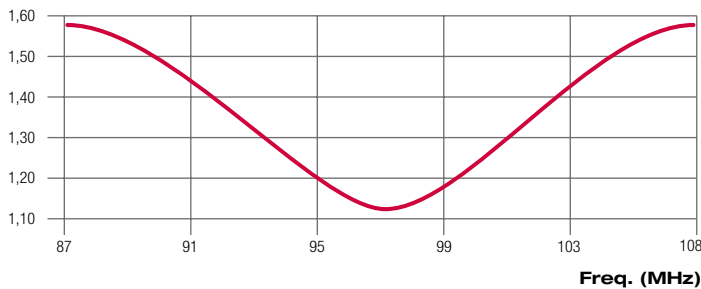
### ELECTRICAL DATA

WORKING BAND:	87.5 - 108 MHz
BANDWIDTH:	VHF - Band FM
GAIN:	2.15 dBi
VSWR:	≤ 1.65:1 (-12.0 dB)
POLARIZATION:	Vertical
IMPEDANCE:	50 Ohm unbalanced
HALF POWER BEAMWIDTH:	Omnidirectional
LIGHTNING PROTECTION:	All metal parts DC grounded including inner conductors
AVAILABLE VERSION AND CODE:	ASGP010216- DIN 7/16 - max 1500W rms ASGP010202- "N" female - max 800W rms

### GAIN (dB)



### VSWR



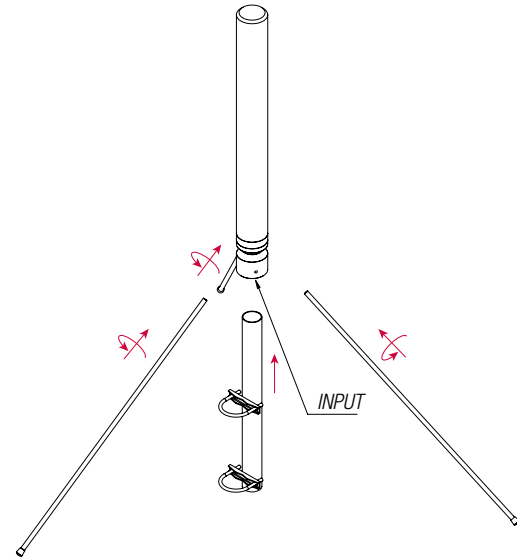
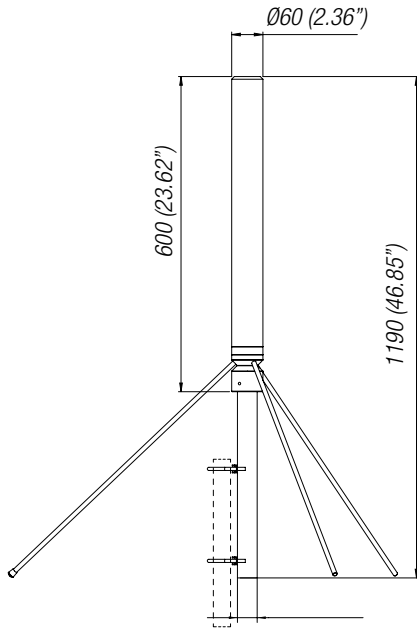
### MECHANICAL DATA

MATERIALS:	Aluminum body Stainless steel brackets
MOUNTING:	Directly on supporting structure
MOUNTING BRACKETS:	Included for Ø30÷65mm pipe (Ø 1.18" - 2+1/2")
TREATMENTS:	Anodizing body
ANTENNA DIMENSIONS:	1190x60 mm (46.85x2.36 in)
ANTENNA WEIGHT:	1.5 kg (3.30 lb) (ASGP010202) 3.4 kg (7.35 lb) (ASGP010216)
PACKING DIMENSIONS:	Box 1000x210 - 5.5kg (39.37x8.26 in - 12.12lb)

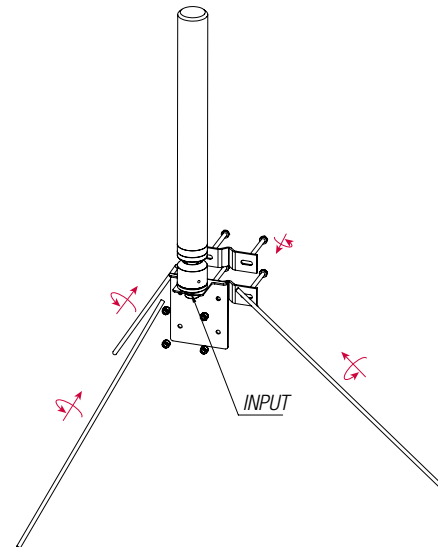
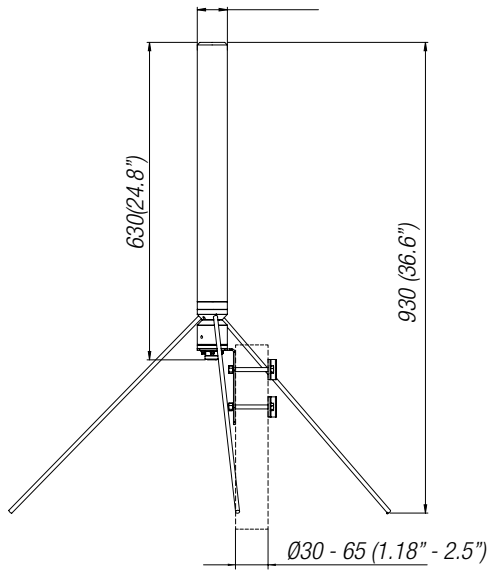
Specification are subject to change without notice

**ANTENNA DIMENSIONAL DETAILS**

**ASGP010202 Version**



**ASGP010216 Version**



**OPTIONS & SERVICES**

<i>PATTERN DESIGN</i>	Custom azimuth and elevation (beam tilt and null fill) patterns can be designed to meet specific protection/coverage requirements
<i>PATTERN CERTIFICATION</i>	Proof-of-performance factory test and pattern measurements on ALDENA test plan area
<i>MOUNTING HARDWARE</i>	Turn-key antenna delivering Tower top/side spine Special hardware/brackets
<i>TRANSMISSION LINE</i>	Transmission line system design and layout
<i>COMBINERS/FILTERS</i>	Combiners/Filters to suit requirements can be supplied
<i>CALCULATION SERVICES</i>	Coverage/interference simulations EM Near Field control and reduction (Environmental impact studies)
<i>ON-SITE SERVICES</i>	Site Survey and Inspection Installation/commissioning and supervising Drive test & EM Field strength measurements After sales maintenance
<i>TRAINING</i>	Technical training certification and consultancy

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