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SUB- UHF

Mobile omni antenna, 2-6 dBd gain, 406-512 MHz

- Rugged ABS housings are UV resistant
- Stainless steel fittings
- Stands up to severe environmental conditions

These antennas are fabricated from durable components and are designed to last. Rugged ABS housings are UV resistant. Fittings are constructed of stainless steel to inhibit rust and corrosion and are molded into the housing without the use of glue or fasteners to ensure a long lasting, reliable product, even in severe environments.

Many different mounts are available.

Application Notes

- Sinclair manufactures a wide range of mobile antennas. These products are very durable and reliable and can withstand the most severe environmental conditions. These antennas are suitable for public safety applications and other "mission critical" operations.



Model	Description	Pattern
SUB-4065	5 dBd gain, 5/8 over 1/2 wave, 406-430 MHz	Omni-directional
SUB-4066	6 dBd gain, 5/8 over 5/8 wave, 406-430 MHz	Omni-directional
SUB-4302	2 dBd gain, 1/2 wave, 430-470 MHz	Omni-directional
SUB-4303	3 dBd gain, 5/8 wave, 430-470 MHz	Omni-directional
SUB-4305	5 dBd gain, 5/8 over 1/2 wave, 430-470 MHz	Omni-directional
SUB-4702	2 dBd gain, 1/2 wave, 470-512 MHz	Omni-directional
SUB-4703	3 dBd gain, 5/8 wave, 470-512 MHz	Omni-directional

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Product Specification Sheet		SUB- UHF		Dated: 05-02-10

[SUB-4065](#)

[SUB-4066](#)

[SUB-4302](#)

[SUB-4303](#)

Electrical Specifications

Frequency Range, MHz	406 to 430	406 to 430	430 to 470	430 to 470
Gain (nominal), dBd (dBi)	5 (7.1)	6 (8.1)	2 (4.1)	3 (5.1)
Input VSWR (max)	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	vertical	vertical	vertical	vertical
Pattern	Omni-directional	Omni-directional	Omni-directional	Omni-directional
Bandwidth, MHz	11	13	20	15

Mechanical Specifications

Length/ Height, in (mm)	30.5 (775)	36 (914)	15 (381)	15.5 (394)
Shipping dimensions, in (mm)	Varies ()	Varies ()	Varies ()	Varies ()

Environmental Specifications

Temperature range, °F (°C)	-22 to +122 (-30 to +50)	-22 to +122 (-30 to +50)	-22 to +122 (-30 to +50)	-22 to +122 (-30 to +50)
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[SUB-4305](#)

[SUB-4702](#)

[SUB-4703](#)

Electrical Specifications

Frequency Range, MHz	430 to 470	470 to 512	470 to 512
Gain (nominal), dBd (dBi)	5 (7.1)	2 (4.1)	3 (5.1)
Input VSWR (max)	1.5:1	1.5:1	1.5:1
Polarization	vertical	vertical	vertical
Pattern	Omni-directional	Omni-directional	Omni-directional
Bandwidth, MHz	12	25	20

Mechanical Specifications

Length/ Height, in (mm)	31 (787)	14 (356)	14 (356)
Shipping dimensions, in (mm)	Varies ()	Varies ()	Varies ()

Environmental Specifications

Temperature range, °F (°C)	-22 to +122 (-30 to +50)	-22 to +122 (-30 to +50)	-22 to +122 (-30 to +50)
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