

Technical Specification

<i>P/N:DS-50800</i>	
Frequency Range(GHz)	0.5 - 8.0
Gain(dBi)	7 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 68 - 31
	H Plane: 131 - 50
VSWR	2.0:1 Typ. / 3.0:1 Max.
Output	N-Female
Average Power(W CW)	300 (60 @ 8.0GHz)
Peak Power(KW)	3
Material	Al
Size(mm)	355 x 78.1 x 494.8
Net Weight(Kg)	0.70 Around

<i>P/N:DS-50800C</i>	
Frequency Range(GHz)	0.5 - 8.0
Gain(dBi)	7 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 68 - 31
	H Plane: 131 - 50
VSWR	2.0:1 Typ. / 3.0:1 Max.
Output	N-Female
Average Power(W CW)	300 (60 @ 8.0GHz)
Peak Power(KW)	3
Material	Al
Size(mm)	355 x 120 x 487.1
Net Weight(Kg)	0.84 Around

<i>P/N:DS-50800E</i>	
Frequency Range(GHz)	0.5 - 8.0
Gain(dBi)	7 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 68 - 31
	H Plane: 131 - 50
VSWR	2.0:1 Typ. / 3.0:1 Max.
Output	N-Female
Average Power(W CW)	300 (60 @ 8.0GHz)
Peak Power(KW)	3
Material	Al
Size(mm)	355 x 79 x 688.5
Net Weight(Kg)	1.25 Around

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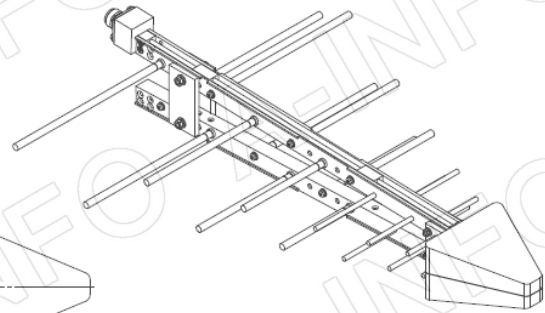
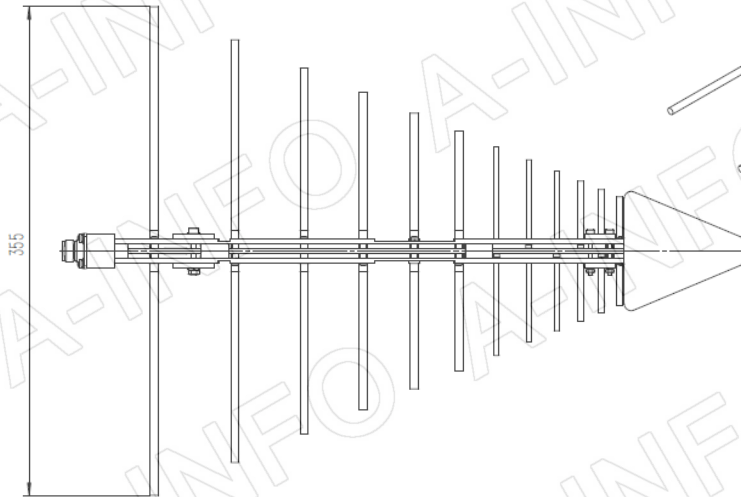
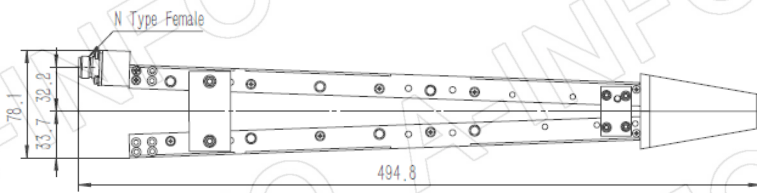
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China(Chengdu): Tel: (+86) 28-8519-2786,
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(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
(+86) 28-8519-3044 Fax: (+86) 28-8519-3068
(+1) 949-639-9608 Fax: (+1) 949-639-9670

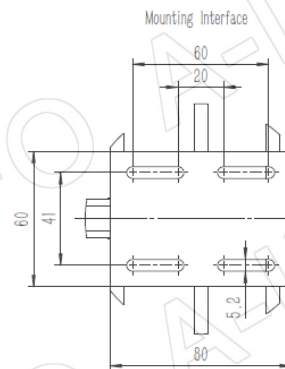
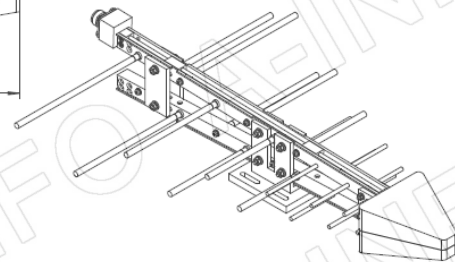
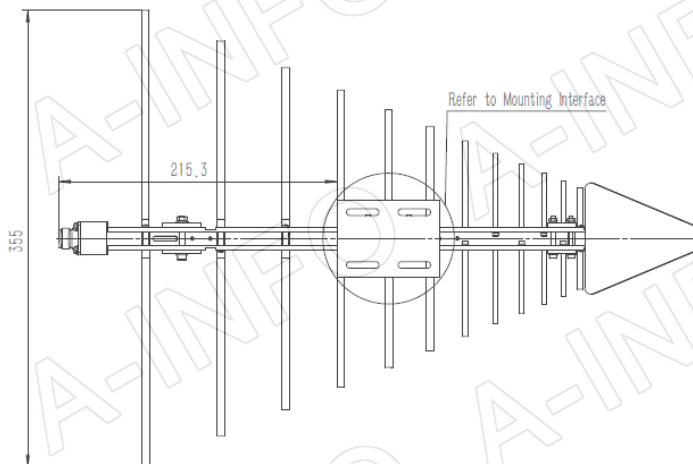
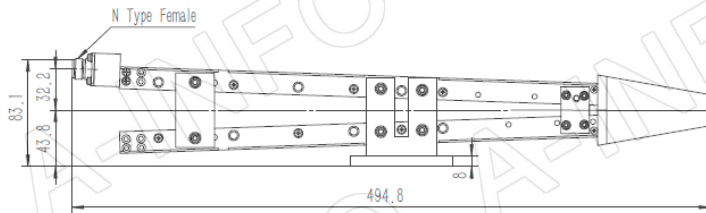
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Outline Drawing (Size: mm)

DS-50800 (P/N: DS-50800)



DS-50800 with Mounting Bracket (Option, P/N: DS-50600-MB)



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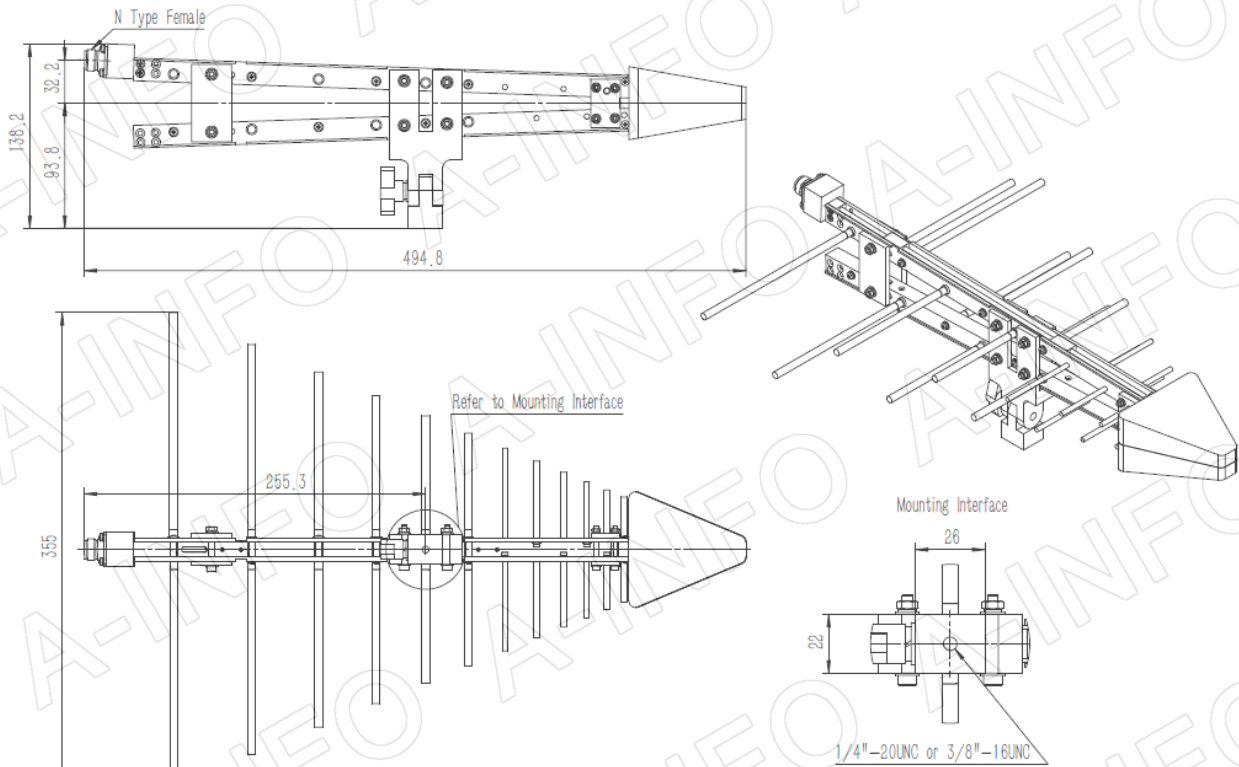
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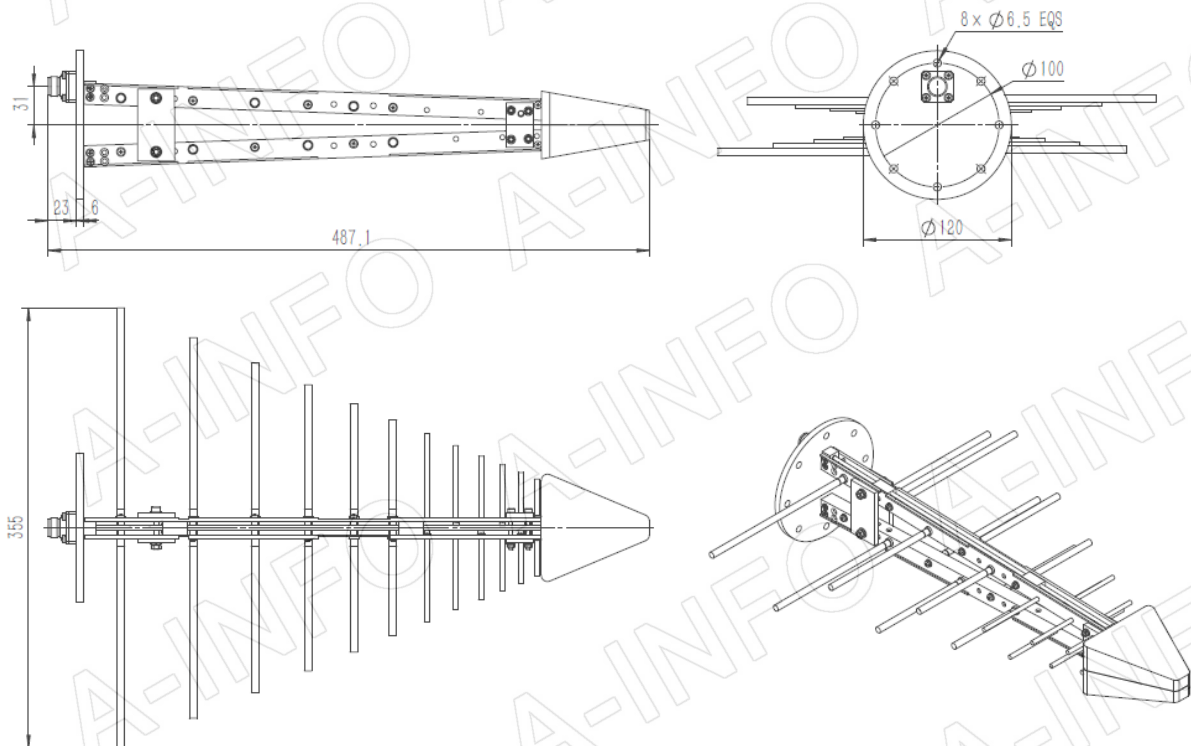
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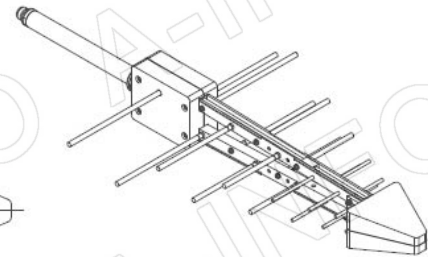
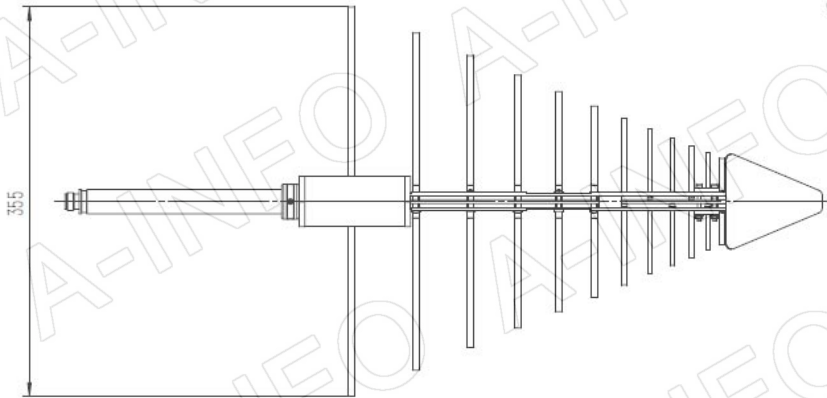
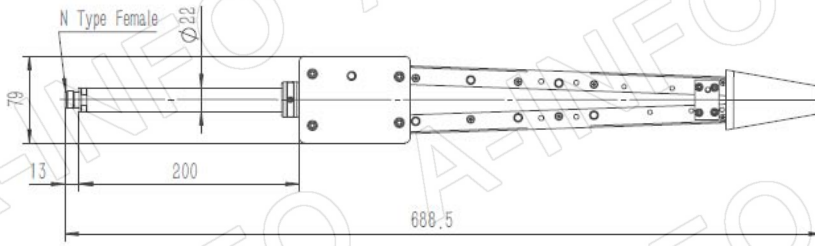
DS-50800 with Mounting Bracket for Tripod Application (Option, P/N: DS-50600-MBA)



DS-50800C (P/N: DS-50800C)



DS-50800E (P/N: DS-50800E)



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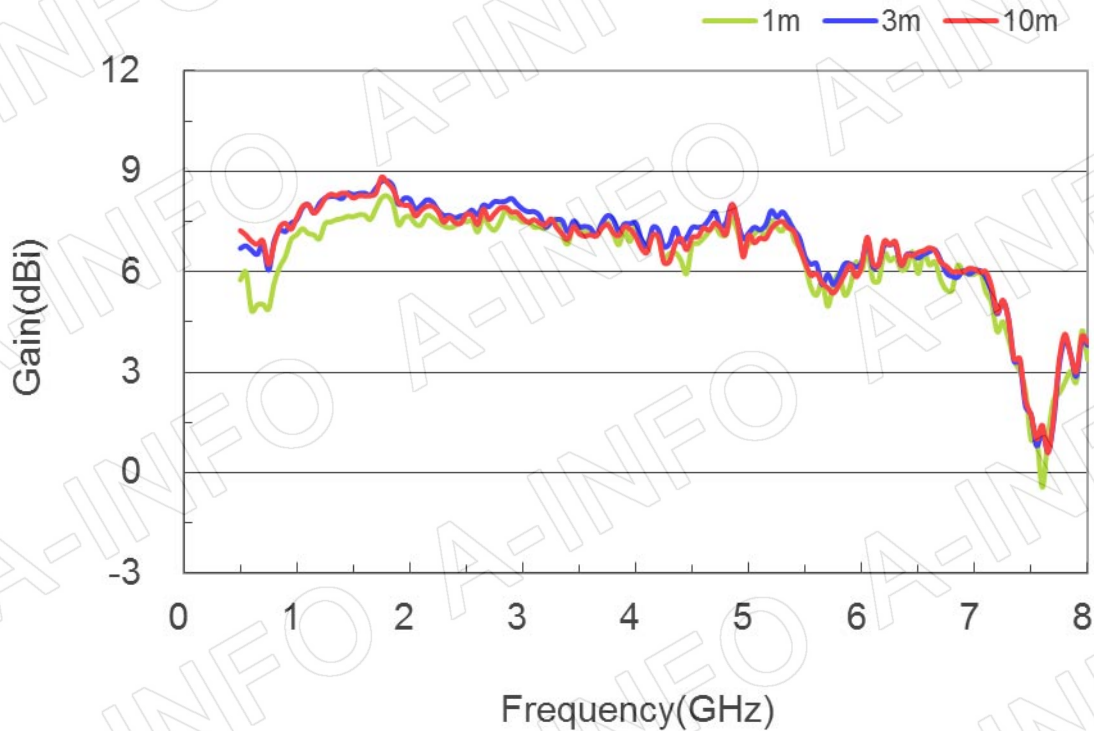
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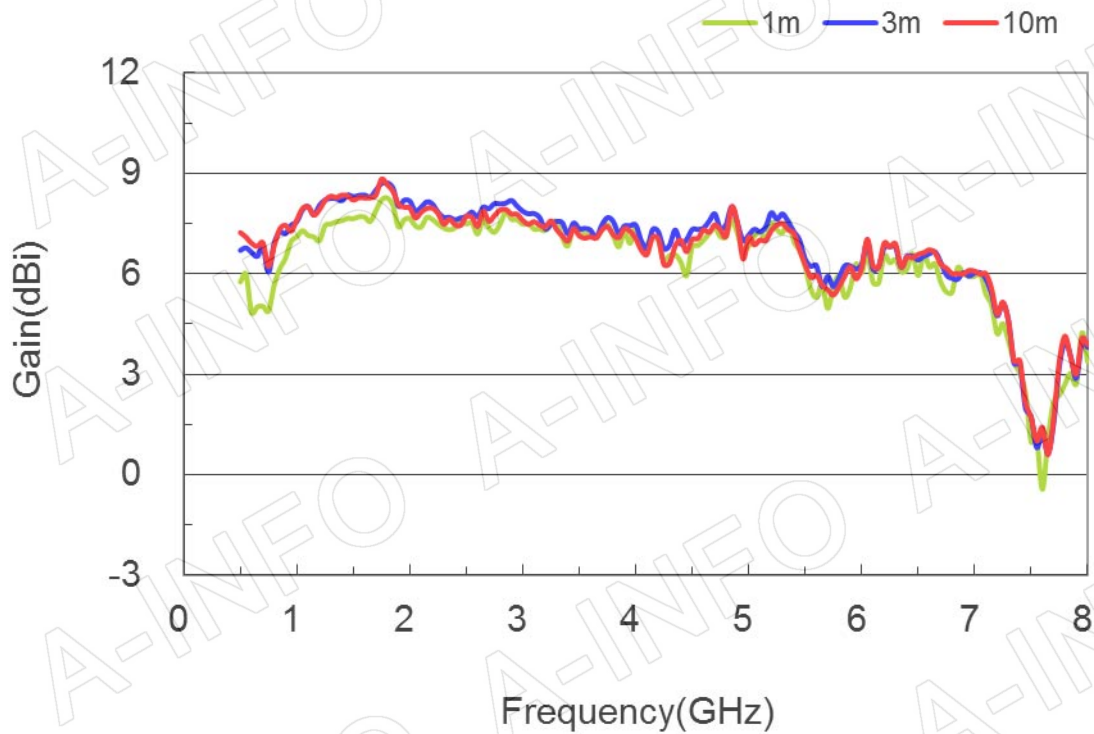
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Test Results

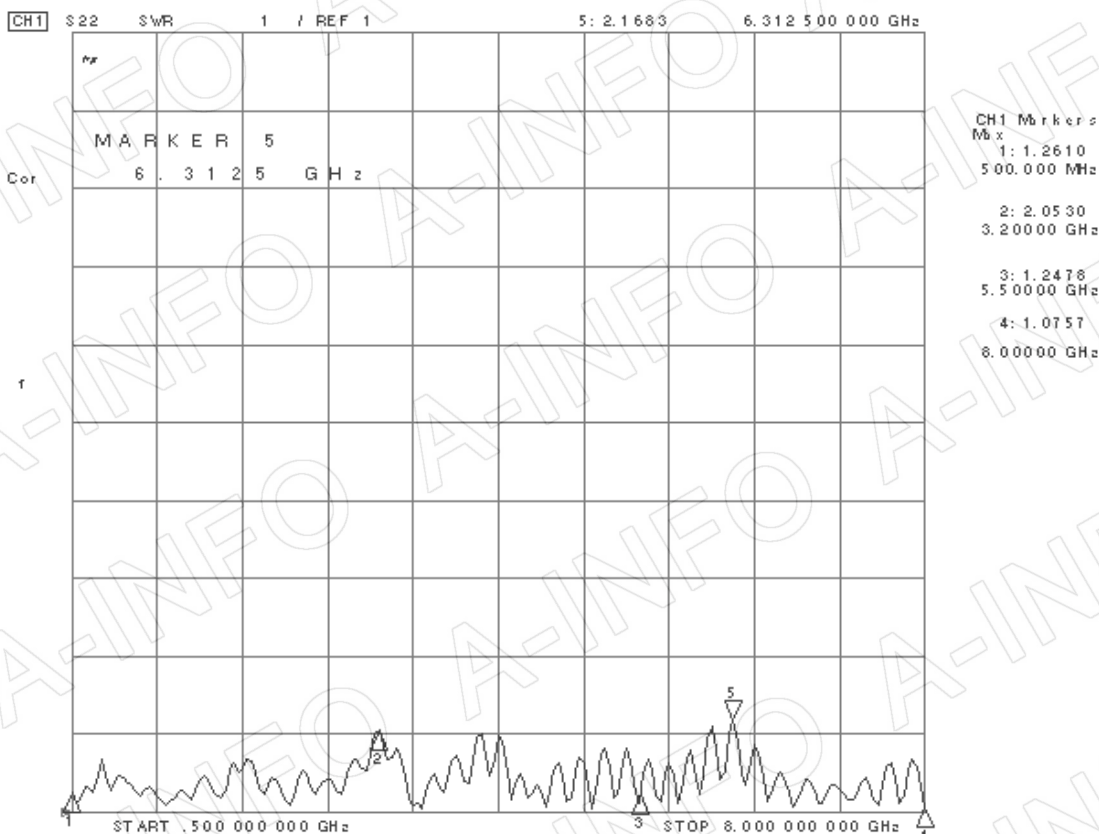
1. Gain



2. Antenna Factor



3. VSWR



4. Pattern

