

Technical Specification

| P/N:DS-18300 | |
|----------------------|-------------------------|
| Frequency Range(GHz) | 0.18 - 3.0 |
| Gain(dBi) | 6 Typ. |
| Polarization | Linear |
| 3dB Beamwidth(deg) | E Plane: 70 - 30 |
| | H Plane: 143 - 90 |
| VSWR | 2.0:1 Typ. / 3.0:1 Max. |
| Output | N-Female |
| Average Power(W CW) | 300 (150 @ 3.0GHz) |
| Peak Power(KW) | 3 |
| Material | Al |
| Size(mm) | 856.6 x 53.1 x 745.3 |
| Net Weight(Kg) | 0.90 Around |

| P/N:DS-18300C | |
|----------------------|-------------------------|
| Frequency Range(GHz) | 0.18 - 3.0 |
| Gain(dBi) | 6 Typ. |
| Polarization | Linear |
| 3dB Beamwidth(deg) | E Plane: 70 - 30 |
| | H Plane: 143 - 90 |
| VSWR | 2.0:1 Typ. / 3.0:1 Max. |
| Output | N-Female |
| Average Power(W CW) | 300 (150 @ 3.0GHz) |
| Peak Power(KW) | 3 |
| Material | Al |
| Size(mm) | 856.6 x 80 x 737.4 |
| Net Weight(Kg) | 1.00 Around |

| P/N:DS-18300E | |
|----------------------|-------------------------|
| Frequency Range(GHz) | 0.18 - 3.0 |
| Gain(dBi) | 6 Typ. |
| Polarization | Linear |
| 3dB Beamwidth(deg) | E Plane: 70 - 30 |
| | H Plane: 143 - 90 |
| VSWR | 2.0:1 Typ. / 3.0:1 Max. |
| Output | N-Female |
| Average Power(W CW) | 300 (150 @ 3.0GHz) |
| Peak Power(KW) | 3 |
| Material | Al |
| Size(mm) | 856.6 x 52 x 979 |
| Net Weight(Kg) | 1.35 Around |

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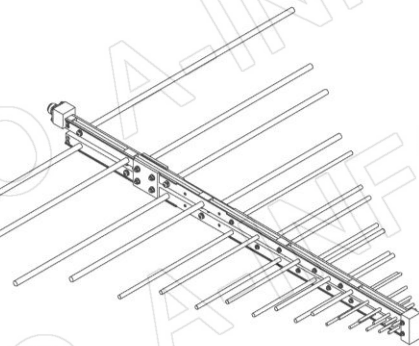
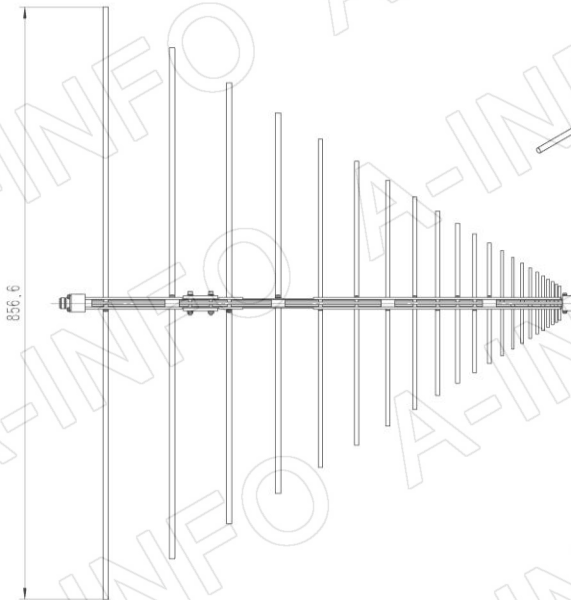
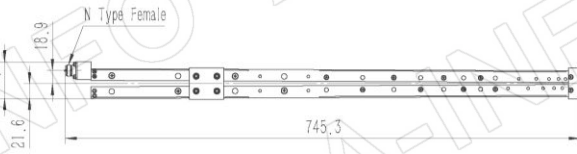
China(Beijing): Tel: (+86) 10-6266-7326,
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(+86) 10-6266-7327 Fax: (+86) 10-6266-7379
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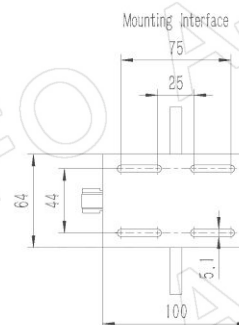
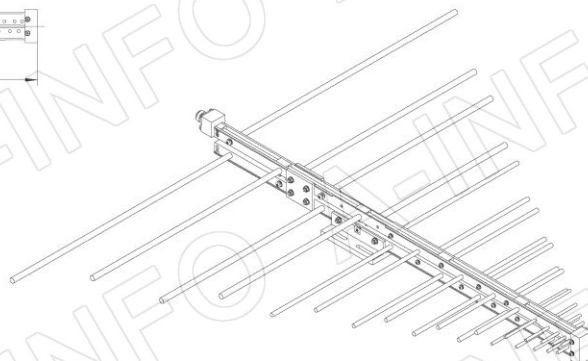
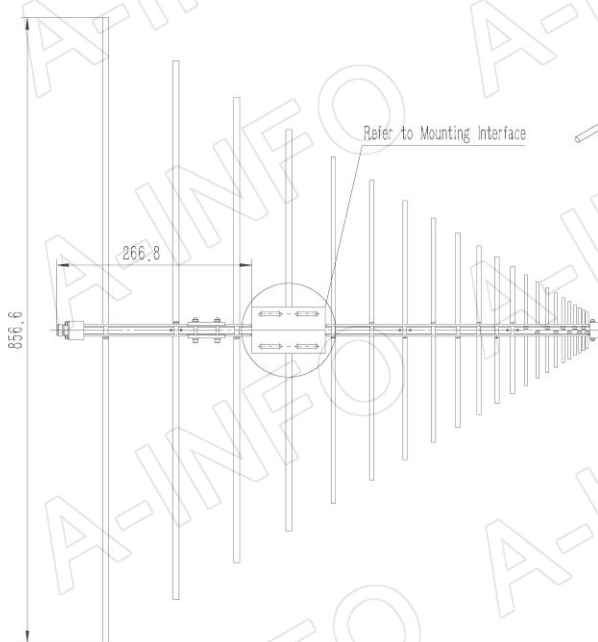
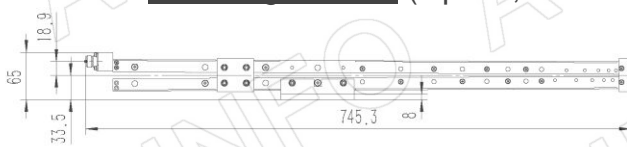
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

Outline Drawing (Size: mm)

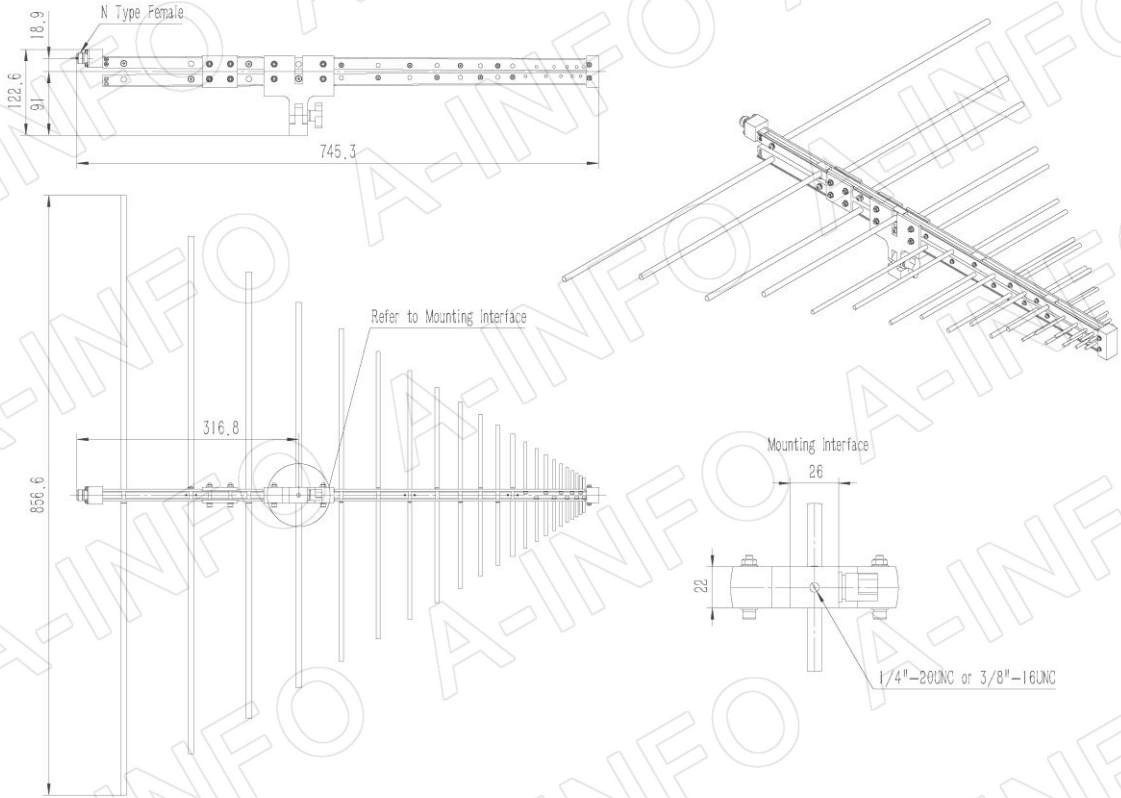
DS-18300 (P/N: DS-18300)



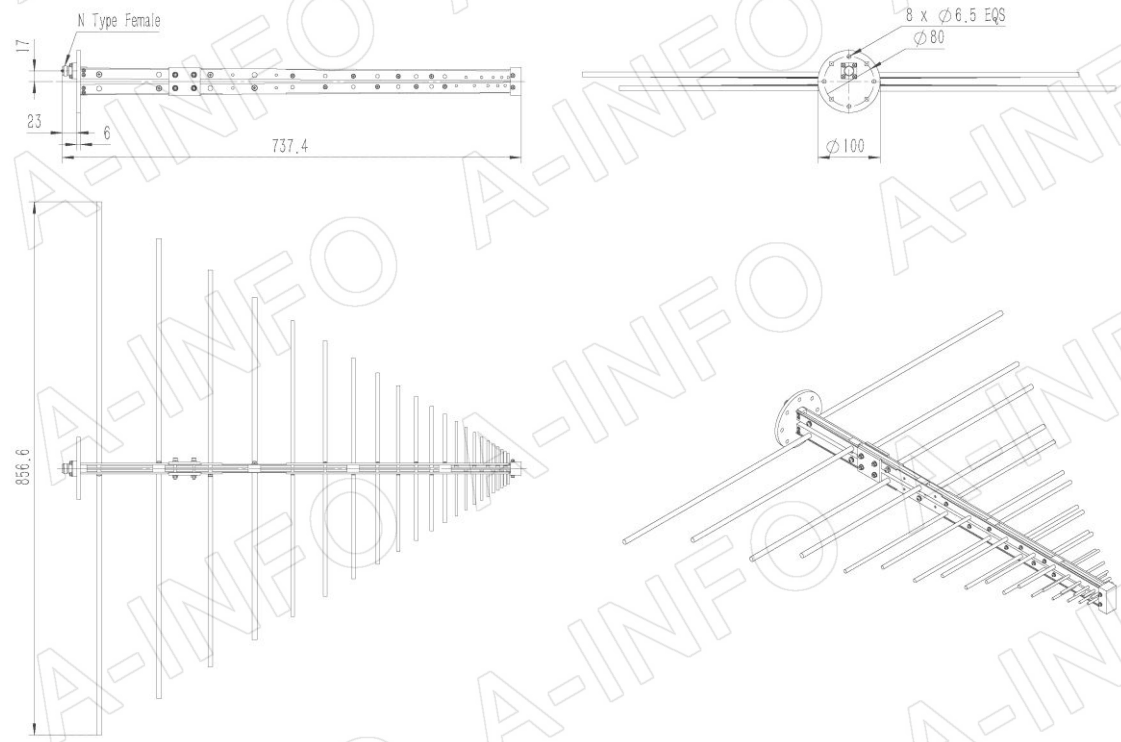
DS-18300 with Mounting Bracket (Option, P/N: DS-20200-MB)



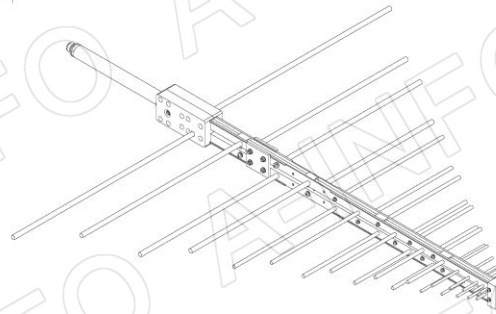
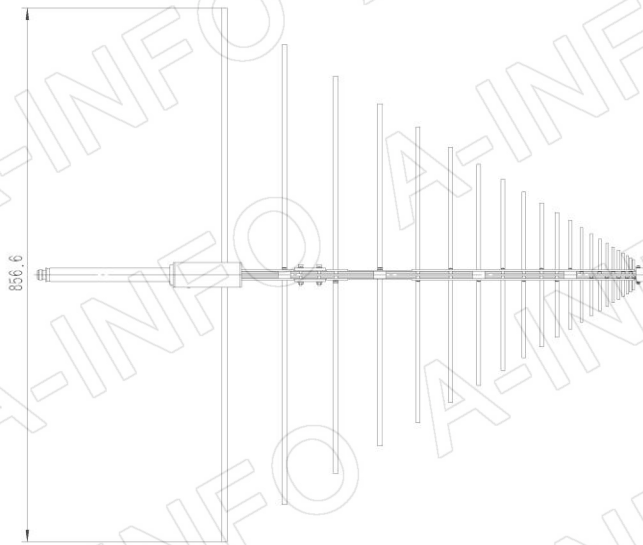
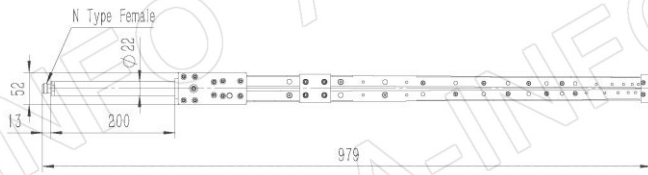
DS-18300 with Mounting Bracket for Tripod Application (Option, P/N: DS-20200-MBA)



DS-18300C (P/N: DS-18300C)



DS-18300E (P/N: DS-18300E)



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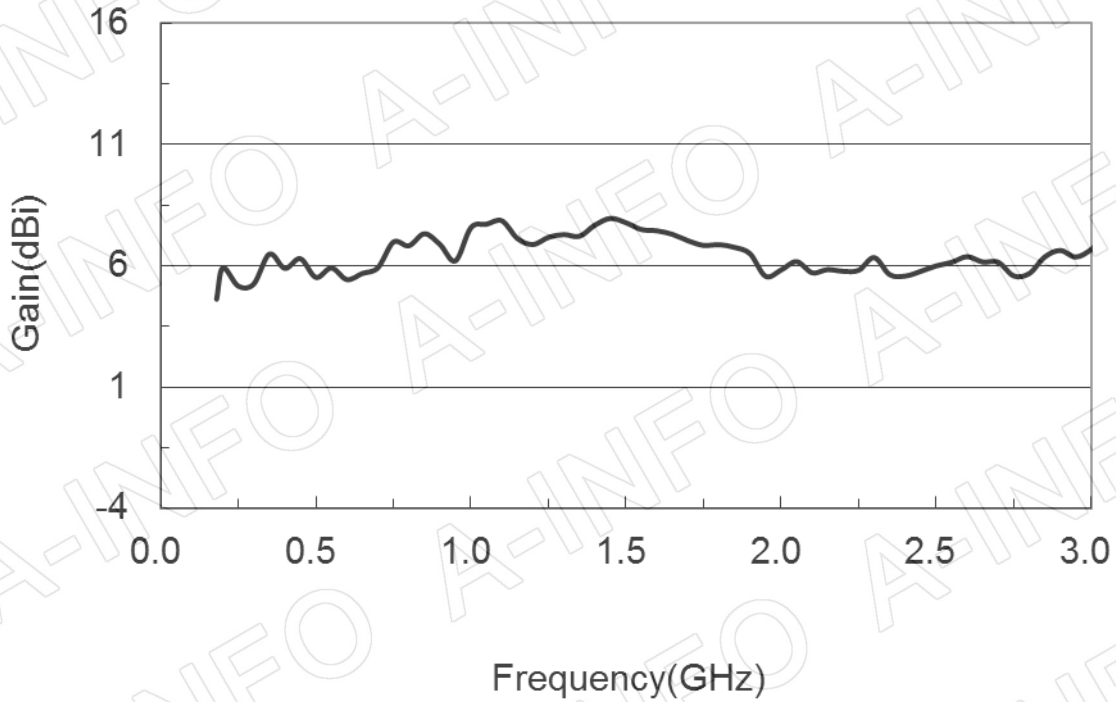
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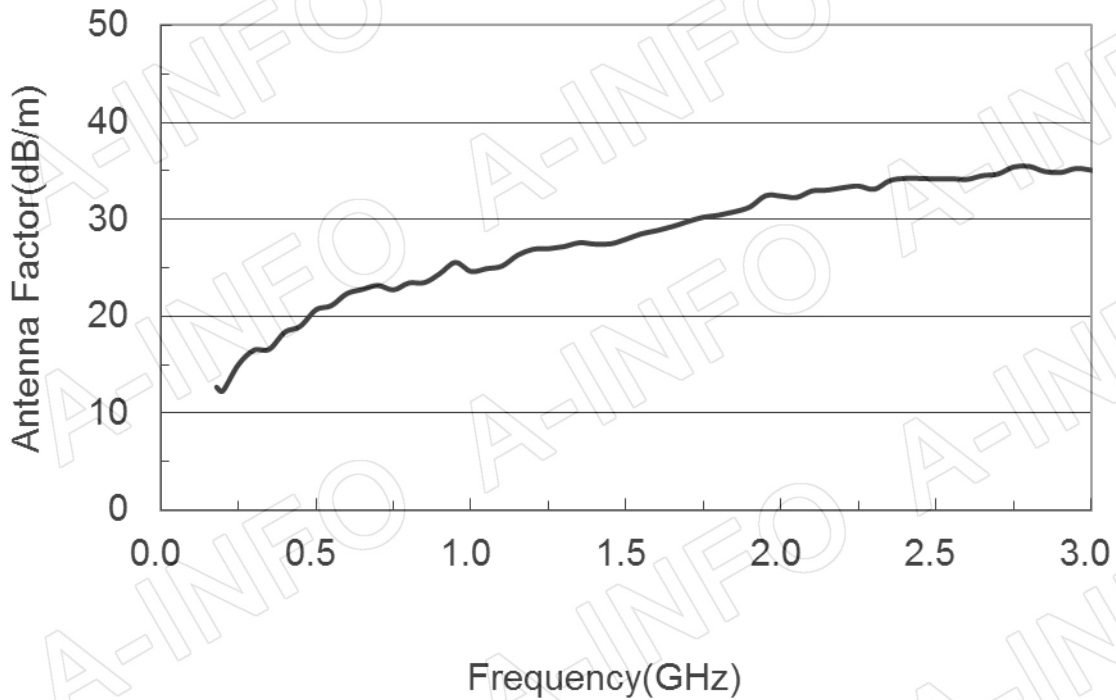
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Test Results

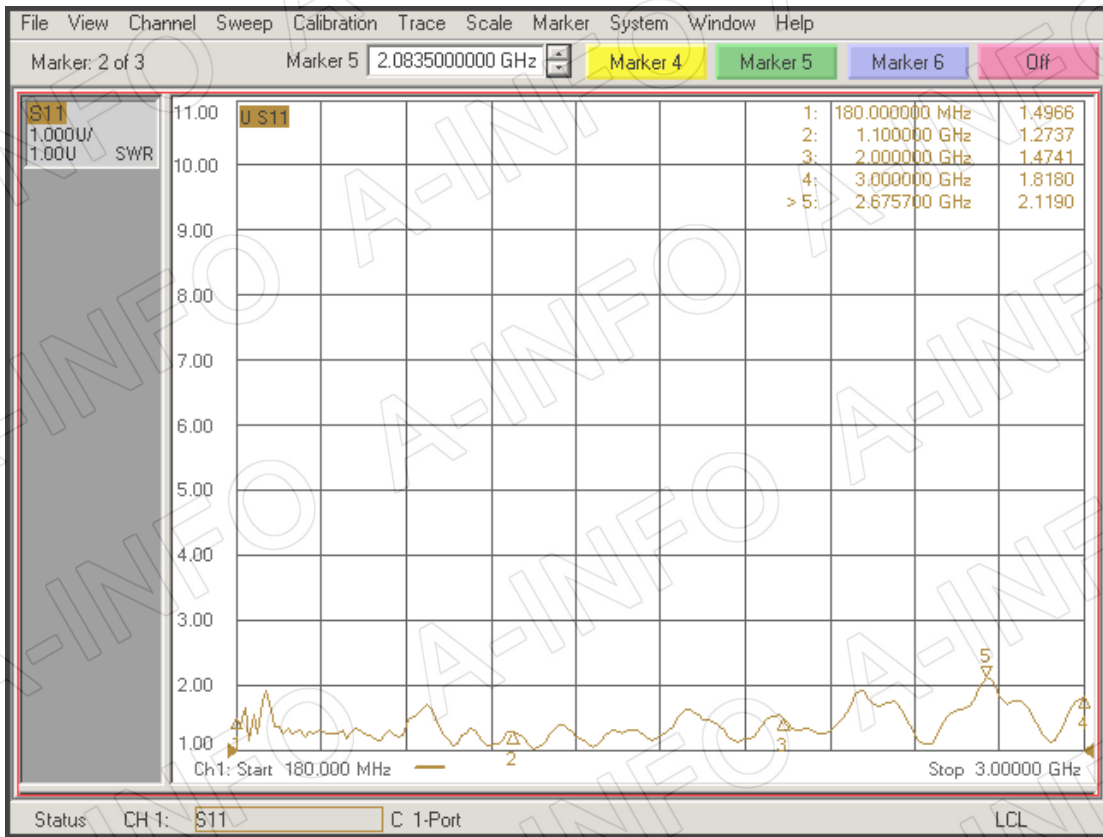
1. Gain



2. Antenna Factor



3. VSWR



4. Pattern

