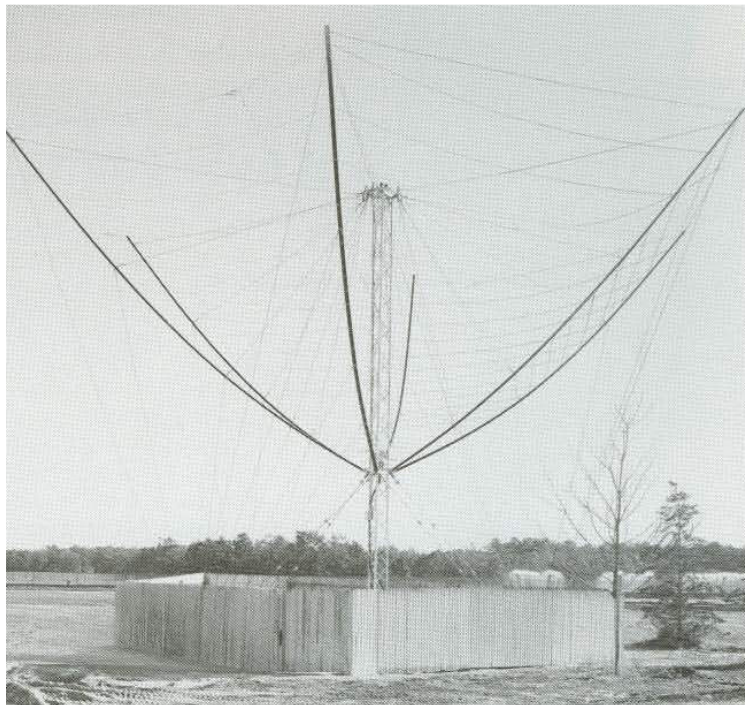
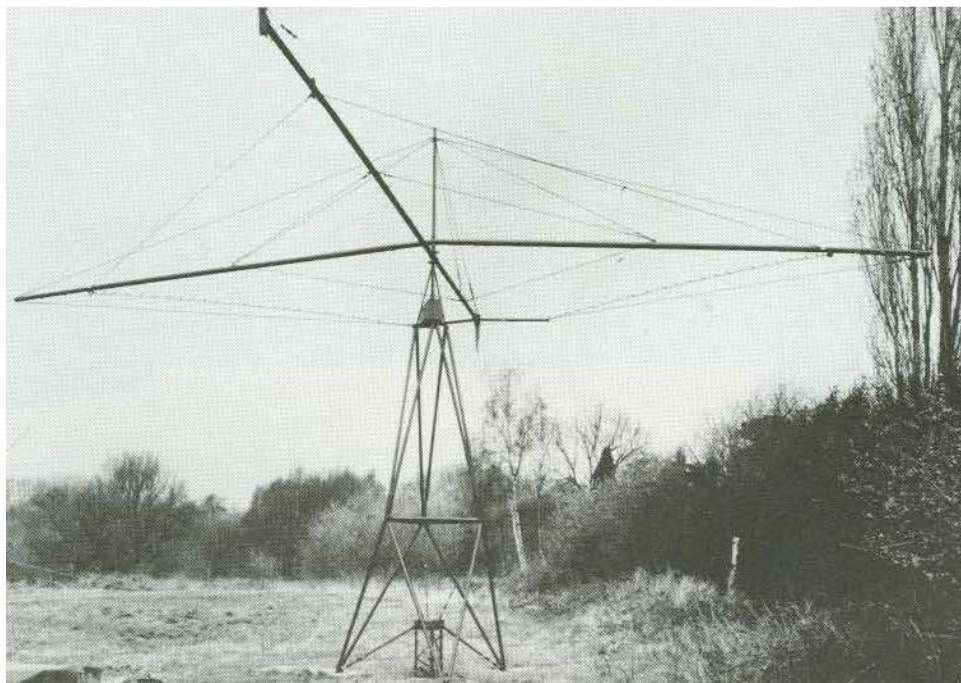




Your Quick Reference Guide to...

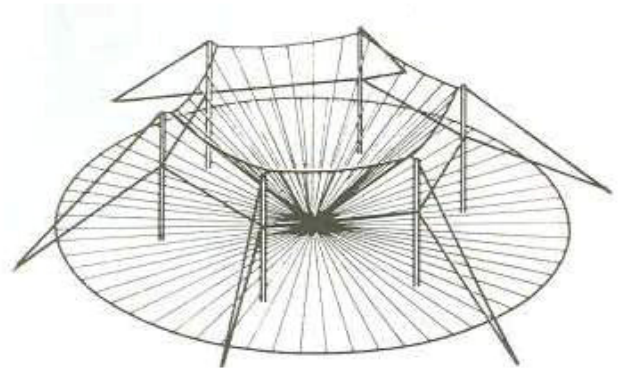


... the most comprehensive and innovative HF antenna systems in the world.

This guide will help you to quickly:

- **Visualize antenna configurations**
- **Identify characteristics**
 - Wide Range of Frequencies: 2-30, 2.5-30, 3-30
 - Up to 40 kW Average, 160 kW Peak Power Rating
 - Vertical Polarization
 - Omnidirectional
 - 2.0:1 Maximum VSWR
 - Low-Angle Radiation Patterns
- **Review applications**
 - Short-Range Communications (Groundwave)
 - Long-Range Communications (Skywave)
- **Request More Information**

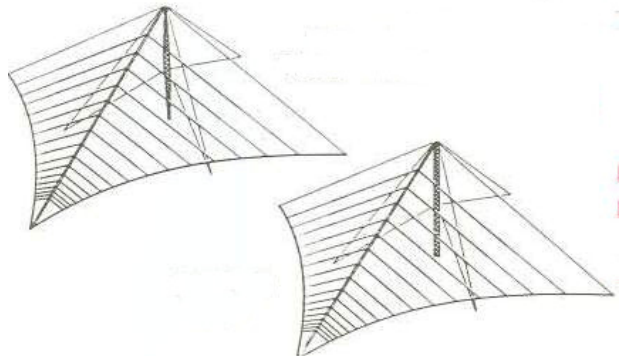
Please specify the bulletin number, as listed in the product descriptions, for more information on the antenna that best suits your needs.



Directional HF Antennas

747 Horizontally Polarized Log-Periodic

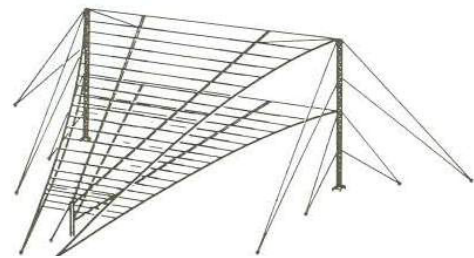
- 2-30 MHz or 4-30 MHz Frequency Range with Single Input
- Up to 20 kW Average 40 kW Peak Power Rating
- Horizontal Polarization
- 2.0:1 Nominal, 2.5:1 Maximum VSWR (2.0 MHz Version)
- Short-, Medium-, and Long Range Communications



Bulletins 1410 (747CD), 1411 (747FCD)

748 Multi-Bay, Horizontally Polarized Log-Periodic

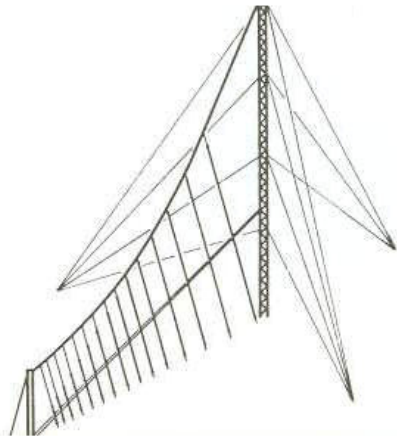
- 5.7-30 MHz Frequency Range
- 30 kW Continuous and Peak Power Rating
- Horizontal Polarization
- 2.0:1 Maximum VSWR
- Medium- to Long-Range Communications



Bulletin 1412

1703 Long-Haul, Log-Periodic

- Choice of Frequency Range: 4.0-30, 4.6-30, 5.4-30, 6.5-30 MHz
- Up to 20 kW Average, 40 kW Peak Power Rating
- Vertical Polarization
- 2.0:1 Maximum VSWR
- Low Angle Radiation at All Frequencies
- Low Sensitivity to Off-Path Signals
- Minimum Space Required
- Short-Range Communications (Groundwave)
- Long-Range Communications (Skywave)



Bulletin 1417

1747A Polarization Diversity Log-Periodic

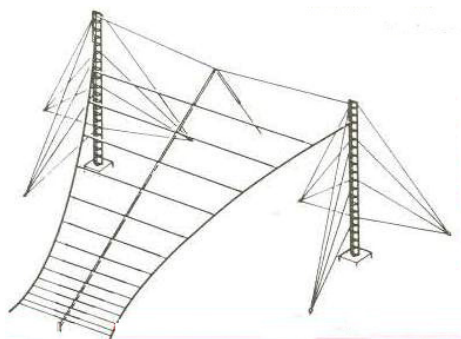
- 4-30 MHz Frequency Range
- Vertical and Horizontal Polarization
- 2.0:1 Maximum VSWR
- Medium-to-Long Range Communications
- Space-Saving Combination Reduces HF Fading
- Improves Reliability of HF Circuits
- Equal or Better Than Space Diversity



Bulletin 1419

2701/2702 Horizontally Polarized, Log-Periodic

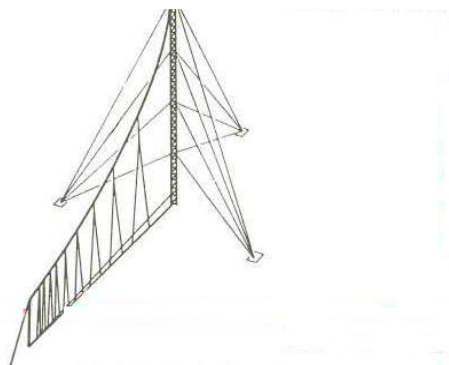
- 2-30 MHz Frequency Range
- Up to 20 kW Average, 40 kW Peak Power Rating
- Horizontal Polarization
- 2.0:1 Maximum VSWR
- Short-to Medium-Range and Medium –to Long-Range Communications
- Minimum Space Required



Bulletin 1424

2726 Vertically Polarized, Log-Periodic

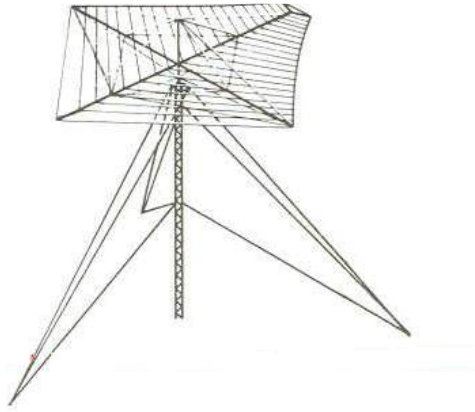
- 2.5-30 MHz Frequency Range
- Up to 10 kW Average, 20 kW Peak Power Rating
- Vertical Polarization
- 2.0:1 Maximum VSWR
- Long-Range HF Communications
- Minimum Tower Height
- Minimum Space Required



Bulletin 1426

2731/2004 Rotatable Log-Periodic

- 2-30 MHz Frequency Range
- Up to 25 kW Peak Power Rating, Depending on Type
- Horizontally Polarized
- 2.0:1 VSWR
- High Gain
- Easy to Install and Maintain
- High Efficiency- Up to 98%
- Medium- and Long-Range Communications
- Two Versions- Full Tower Size and Compact Roof Size

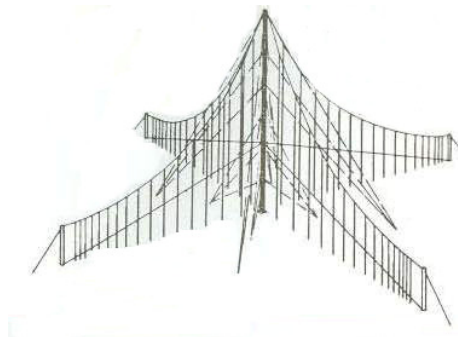


Bulletin 1423

Omnidirectional HF Antennas

757/779 Electrically Steerable, Log-Periodic

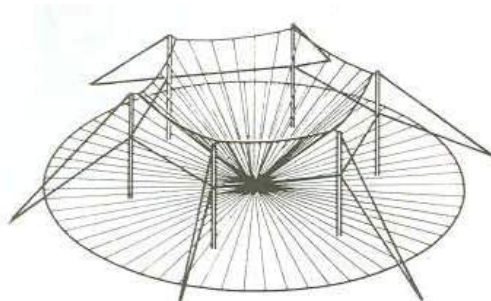
- 3-30 MHz Frequency Range
- Up to 20 kW Average, 40 kW Peak Power Rating
- Vertical Polarization
- 2.0:1 Maximum VSWR
- Compatible with Omnidirectional Antennas
- Medium-to Long-Range Communications
- High Gain: 11 + dBi
- Sector Steerable
- Resistant to Harsh Environments



Bulletin 1414

794 MONOCONE

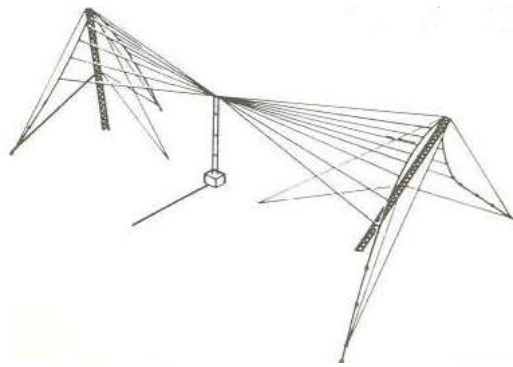
- Wide Range of Frequencies: 2-30, 2.5-32, 3-32 MHz
- Up to 40 kW Average, 160 kW Peak Power Rating
- Vertical Polarization
- 2.0:1 Maximum VSWR
- Low-Angle Radiation Patterns
- Short-Range Communications (Groundwave)
- Long-Range Communications



Bulletin 1416

1765 Broadband Dipole

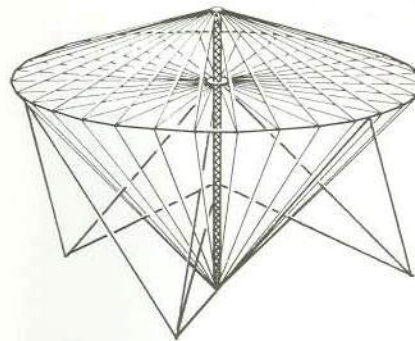
- 1.6-30 MHz Frequency Range
- Up to 10 kW Average, 20 kW Peak Power Rating
- Horizontal Polarization
- Omnidirectional
- 2.0:1 Nominal, 2.5:1 Maximum VSWR
- Short-to-Medium Range Communications
- No Resistive Loading, Switching or Tuning



Bulletin 1420

1794 MONOCONE

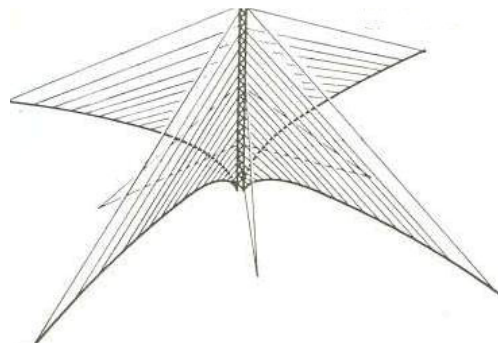
- 1.6-30 MHz Frequency Range
- 40 kW Average 160 kW Peak Power Rating
- Vertical Polarization
- Omnidirectional
- 2.0:1 Maximum VSWR
- Long-Range Communications (Skywave)
- Short-Range Communications (Groundwave)
- Low Angle Radiation Patterns
- Minimum Installation Ground Area



Bulletin 1421

2001 Elliptically Polarized Broadband

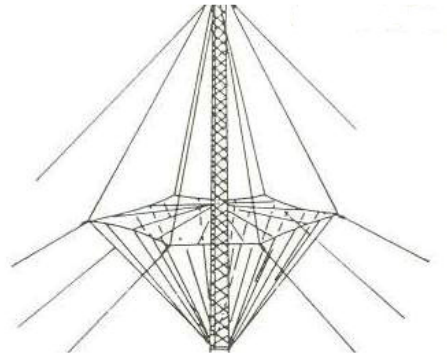
- Broadband 2-30 MHz Frequency Range
- Up to 25 kW Average, 50 kW Peak Power Rating
- Horizontal-Elliptical Polarization to Reduce Fading
- Full Efficiency- No Resistive Loading
- 2.0:1 Maximum VSWR
- Short-to Medium-Range Communications
- On-Site Selection of Polarization Sense



Bulletin 1422

2753 Conical Monopole

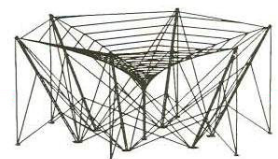
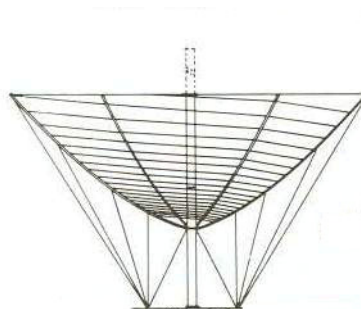
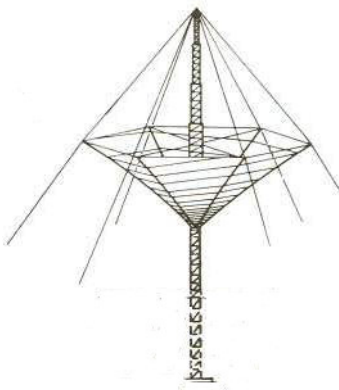
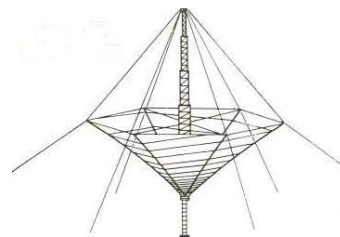
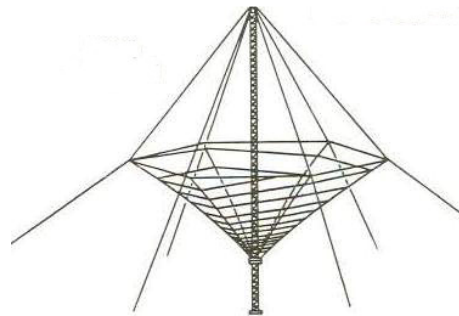
- 6.1 Bandwidth Permits Frequency Change without Antenna Tuning
- Up to 50 kW Peak Power Rating
- 50-ohm Input Provides 2.0:1 VSWR without Impedance Transformers
- A Space Saving Antenna for Ground-to-Air and Shore-to-Ship Transmission
- Short-, Medium-, and Long-Range Communications



Bulletin 1531

3000 Broadband Dual-Mode SPIRA-CONE

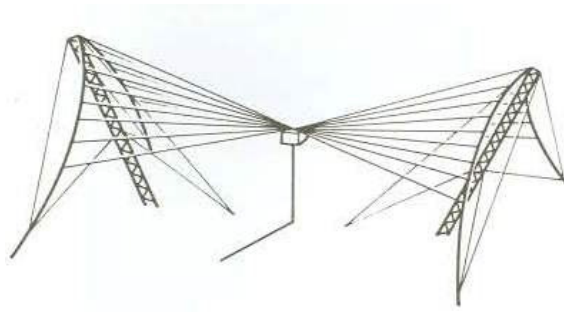
- 2 to 30 MHz Frequency Range, Dependent Upon Type
- Up to 25 kW Average, 50 kW Peak Power Rating
- Horizontal-Elliptical Polarization to Reduce Fading
- Omnidirectional Log-Periodic
- 2.0:1 VSWR
- Dual-Mode Capability for Short-, Medium- and Long-Range Communications
- Single Tower for Simplicity of Installation
- Innovative Switching or Combining of Radiators to Provide Switchable or Simultaneous Short- or Long-Range Mode.



Bulletin 1405

3065 Broadband Dipole

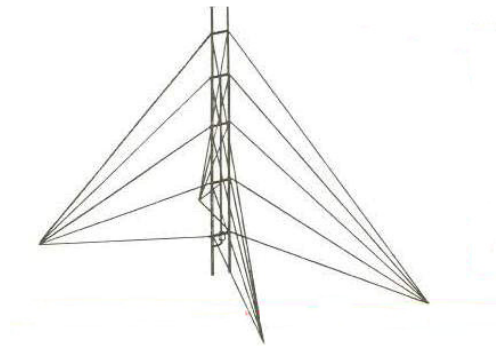
- 1.6-30 MHz Frequency Range
- Up to 2.5 kW Average, 5 kW Peak Power Rating
- Horizontal Polarization
- Omnidirectional
- 2.3:1 Maximum VSWR
- Short-to-Medium Range Communications
- No Resistive Loading, Switching or Tuning
- Minimum Installation Ground Area



Bulletin 1430

4094 Omnidirectional

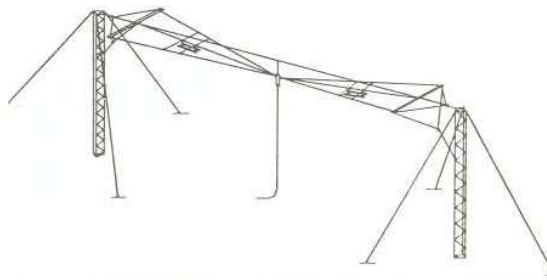
- 2-30 MHz Frequency Range
- 1 kW Average, 2 kW Peak Power Rating
- Vertical Polarization
- 2.5:1 Nominal, 3.0:1 Maximum VSWR
- Short-, Medium-, Long-Range Communications
- Deployable or Fixed Versions



Bulletin 1431

5065 Broadband Compact Dipole

- 3-30 MHz Frequency Range
- 1 kW Average, 2 kW Peak Power Rating
- Horizontal Polarization
- 2.0:1 VSWR
- Short-to Medium-Range Communications
- Compact Roof Mountable



Bulletin 1534

Capabilities

ASC Signal Corporation is a supplier of communications products and systems to commercial, industrial, governmental, and military customers worldwide.

Comprehensive ASC HF system capabilities include, complete field services, including program planning, site analysis, installation, testing and maintenance.

No matter what size your project, or geographical location, ASC HF systems are available to help assure your communications success.

