Antennas

A wide array of antennas for virtually any platform satisfying the communication, navigation, direction-finding and electronic warfare needs of all military and commercial aircraft.
With more than six decades of experience, ITT Exelis provides complete capabilities as a leading designer and manufacturer of antennas.

ITT Exelis is a premier designer and manufacturer of antennas for military and commercial applications. ITT Exelis produces a wide array of antenna products that satisfy the communication, navigation, direction-finding and electronic warfare antenna needs of all military and commercial aircraft, ground mobile and fixed applications, as well as shipboard and submarine applications.

Use the parameters below to search for ITT Exelis antennas.

By Aperture Type
By Function
By Platform
By Product Number
By Legacy Brand

Antenna Products & Technologies
585 Johnson Avenue
Bohemia, NY 11716
Phone: 631-218-5500
Email: antenna.info@exelisinc.com
By Aperture Type

**Biconical Omni**
- **AS-48951** - Airborne, Maritime, Ground/Fixed, 0.5-18 GHz
- **AS-48955 Series** - Airborne, Maritime, Ground/Fixed, 0.5-18 GHz
- **AS-48976** - Airborne, Maritime, Ground/Fixed, 2-18 GHz
- **AS-48987** - Airborne, Maritime, Ground/Fixed, 0.8-18 GHz
- **AS-48989** - Airborne, Maritime, Ground/Fixed, 0.5-18 GHz
- **CA-3080** - Maritime, Ground/Fixed, Broadband Vertical Dipole (200-1000 MHz)
- **CA-3096** - Maritime, Ground/Fixed, Broadband Vertical Dipole (90-500 MHz)
- **CA-3123** - Maritime, UHF Line-of-Sight Dipole
- **CA-3124** - Maritime, VHF-High, Dipole
- **CA-3597** - Maritime, Ground/Fixed, Broadband Vertical Dipole (30-1300 MHz)

**Blade**
- **1601354** - Airborne, Air-Transport/Regional, DME/ATC
- **AS-49052** - Launch-Vehicle or Missile, UHF Flight-Termination
- **AT-741 Series** - Airborne, 3.5” Blade, IFF, Mach 2+, MIL-25708
- **C7 Series** - Airborne, 8” Blade, Mach 2+
- **C50-17** - Airborne, 16” Blade, Air-Transport
- **C57-1** - Airborne, 3.5” Blade, Radio Telephone Applications
- **C60 Series** - Airborne, 12” Blade, Regional/Business Jet
- **C119** - Airborne, 9” Blade (AT-256/ARC)
- **C144 Series** - Airborne, 12” Blade, Broadband
- **CNI8 Series** - Airborne, 8” Blade, UHF/L-Band, Single Port or Internal Diplexer
- **CNI14 Series** - Airborne, 8” Blade, V/UHF/L-Band, Single Port or Diplexer
- **CNI22** - Airborne, Swept-Back Blades, UHF/L-Band, Internal Diplexers
- **CNI24 Series** - Airborne, 12” Blade, -12 model Phase/Amplitude tracked
- **CNI37-1-1** - Airborne, 24” Blade, V/UHF/L-Band, Single Port, High-Gain
- **NI24 and NI29 Series** - Airborne, 3.5” Blade, Various functions
- **NI50** - Airborne, Air-Transport/Regional, DME/ATC
- **NI70** - Airborne, Air-Transport/Regional, DME/ATC, DC Open Circuit

**Circular Array**
- **DF-360 Series** - Maritime, Circular Array Interferometer, 2-18 GHz

**Conformal**
- **1601347 Series** - Airborne, Military Applications
- **AS-49030** - Launch-Vehicle or Missile, C-Band Datalink
- **AS-49034** - Launch-Vehicle or Missile, S-Band Datalink
- **AS-49061** - Launch-Vehicle or Missile, UHF Flight Termination
- **AS-49063** - Launch-Vehicle or Missile, UHF Flight Termination
By Aperture Type

Conformal (Cont'd)
C196-1-1 - Airborne, UHF SATCOM
NI7/N184 - Airborne, Conformal Annular Slot, DME/ATC/IFF
Q134 - Airborne, 0.6-2.2 GHz

Conical Spiral
AS-48905 - Airborne, Maritime, Ground/Fixed, 1-12 GHz
AS-48915 Series - Satellite Application, S-Band Omni
AS-48917 - Satellite Application, L1/L2 GPS
AS-48923 - Maritime, Ground/Fixed, 1-18 GHz

Coupler
H69-1 - Airborne, VOR/ILS/GS Multiport
H Series - Airborne, VOR/ILS Splitters/Diplexers

Dipole
1501341 Series - Airborne, Single-Mode UHF SATCOM, Batwing-type
C66 Series - Maritime, Ground/Mobile, Ground/Fixed, Mast or Clamp Mount, High Power
CA-1079 Series - Maritime, Ground/Fixed, Multichannel Dipole
CA-1128 Series - Maritime, Ground/Fixed, Multichannel Dipole
CA-1139 - Maritime, Ground/Fixed, VHF-High, Multichannel Dipole
CA-1140 HI Series - Maritime, Ground/Fixed, Multichannel Dipole, Hi-Isolation
CA-1140 Series - Maritime, Ground/Fixed, Multichannel Dipole
CA-1177 - Maritime, VHF-Lo, High-Power Dipole
CA-1181 - Maritime, Collinear Dipole Array
CA-1400 Series - Ground/Fixed, Multichannel Dipole
CA-4001 Series - Ground/Fixed, Collinear Dipole Array
CA-6001 - Ground/Fixed, Dual-Collinear Dipole Arrays, High-Power
CA-6002 - Ground/Fixed, Dual-Collinear Dipole Arrays
SE78 - Man-pack, Collapsible, Ultra-portable, Yagi
SE109 - Man-pack, Collapsible, High-Gain Yagi

Dipole Array
C97-1 - Maritime, Ground/Fixed, Collinear Dipole Array, High Power
C99 Series - Maritime, Ground/Fixed, Hemispherical UHF SATCOM
C101-3 - Maritime, Ground/Fixed, High-Gain UHF SATCOM
C146-13 - Airborne, Mach 1+, Ultra-High Accuracy, L1/L2, Passive
C146-24-1 - Ground/Mobile, Ground/Fixed, Ultra-High Accuracy, L1/L2/L5 GPS, Glonass, Passive
C146 Series - Ground/Fixed, Ultra-High Accuracy, L1/L2/Glonass, Passive
CA-3018 - Maritime, UHF Line-of-Sight Dipole
**Dipole over Monopole**

**C34 Series** - Airborne, Dual-Mode UHF SATCOM

**C172-1-1** - Airborne, Dual-Mode UHF SATCOM, Batwing type

**C175 Series** - Airborne, Dual-Mode UHF SATCOM, Batwing type

**Discone**

**R74-1-1** - Airborne, Broadband

**Helix**

**AS-49070** - Airborne, Satellite-Application, S-Band Omni

**Horn**

**AS-48410** - Airborne, Ground/Fixed, Dual-Polarized Horn, 0.75-4.5 GHz

**AS-48425** - Airborne, Ground/Fixed, Dual-Polarized Horn, 4-8 GHz

**AS-48435** - Airborne, Ground/Fixed, Dual-Polarized Horn, 8-12 GHz

**AS-48440** - Airborne, Ground/Fixed, Dual-Polarized Horn, 8-26 GHz

**AS-48450** - Airborne, Ground/Fixed, Dual-Polarized Horn, 0.5-2 GHz

**AS-48455** - Airborne, Ground/Fixed, Dual-Polarized Horn, 18-40 GHz

**AS-48461 Series** - Airborne, Ground/Fixed, Dual-Polarized Circular Horn, 2-18 GHz

**Q135 and Q136** - Maritime, Ground/Fixed, Linear, Dual-Ridge Horns, 2-6/6-18 GHz

**Q137 Series** - Airborne, Interferometer Horn, 2-6 GHz

**Q138 Series** - Airborne, Interferometer Horn, 6-18 GHz

**Q139-1** - Airborne, Interferometer Horn, 18-40 GHz

**Q161** - Airborne, Interferometer Horn, 2-18 GHz

**RFS Horn** - Maritime, Ground/Fixed, Circular, Dual-Linear Horn, 6-18 GHz

**Linear Array**

**AS-4305 U-SPS67 (V4)** - Maritime, C-Band Surface Search Radar, Optional IFF

**Log-Periodic**

**AS-48015** - Airborne, Maritime, Ground/Fixed, 1-18 GHz

**AS-48192** - Airborne, Maritime, Ground/Fixed, 8-40 GHz

**AS-48197** - Airborne, Maritime, Ground/Fixed, 2-40 GHz

**C121** - Man-pack, Collapsible, High-Gain

**Loop**

**N4-4** - Airborne, True Center-Fed Loop, Ideal for Helicopters

**N4-7 and N4-8** - Airborne, True Center-Fed Loop, Ideal for Helicopters

**N4-15 and N4-33** - Airborne, Balanced Loop Pair

**N4-26** - Airborne, Localizer Antenna for Bulkhead Installation
By Aperture Type

Loop (Cont'd)

N4-45 - Airborne, True Center-Fed Loop, Low-drag, dual outputs
N9 Series - Airborne, Conformal to Radome OML, Internal Diplexer
N15 Series - Airborne, VHF-Lo, Terminated Loop
N25 Series - Airborne, Center-Fed Loop, Single or dual outputs
N41-1 - Airborne, Center-Fed Loop, low-profile
N48 Series - Airborne, True Center-Fed Loop, Ideal for Helicopters
N56-1 - Airborne, Air Transport, LOC functions

Microstrip

AS-49090 - Airborne, Launch-Vehicle or Missile application, S-Band
N79-3 - Airborne, Maritime, 7-Channel, L1/L2, Passive
N100-3 Series - Airborne, 4-Channel, L1/L2, Passive
N103 Series - Airborne, L1/L2, Passive
PN19 Series - Airborne, Semi-conformal

Monopole

C200 Series - Ground/Mobile, Ground/Fixed, VHF-Lo
C206 - Ground/Mobile, Ground/Fixed, Omni, Multi-Band, VHF/UHF
CA-3138 - Maritime, Broadband
CA-3506 - Ground/Fixed, VHF-Lo, Mast-Mounted Dipole
CA-3520 - Ground/Fixed, VHF-Lo, Mast-Mounted Dipole
N4-17 Series - Airborne, High-Speed, Low-Drag Blades, single/dual outputs
N27 - Airborne, Air Transport/Regional/Biz-Jet, low-profile
N43 Series - Airborne, General-Aviation
N50 Series - Airborne, Military Applications

Monopole Whip

C63 Series - Airborne, General Aviation
C70 Series - Airborne, General Aviation
C199-1-1 - Airborne, Low-Profile, Business Jet

Planar Spiral

AM-305 - Airborne, 8-18 GHz
AM-423 - Airborne, 2-18 GHz
AM-431 - Airborne, 2-18 GHz
AM-440 - Airborne, 2-18 GHz
AM-448 - Airborne, 2-18 GHz, High-Pressure
AM-454 - Airborne, 2-18 GHz, High-vibration
AM-457 - Airborne, 2-18 GHz
AM-480 - Airborne, 1-18 GHz, High-Pressure
Planar Spiral (Cont’d)

AS-48530 - Airborne, Ground/Fixed, 8-40 GHz
Q107-4-1 - Airborne, Maritime, Ground/Fixed, 0.5-18 GHz
Q142-1 - Airborne, Phase-Tracking, 0.5-2 GHz
Q151-1-1 - Airborne, Maritime, Ground/Fixed, 1-18 GHz
Q159 Series - Airborne, 2-18 GHz
Q169 Series - Airborne, 0.5-4 GHz
Q175 Series - Airborne, Phase-Tracking, 0.5-2 GHz
Q176 Series - Airborne, Phase-Tracking, 2-6 GHz
Q177 Series - Airborne, Phase-Tracking, 6-18 GHz
Q180 Series - Airborne, Amplitude-Tracking, 1-18 GHz
Q189 Series - Airborne, 2-18 GHz
SE131 Series - Airborne, Spiral, 2-18 GHz

Polarizing Grid

Q156 Series - Airborne, 2-40 GHz

Retractable Monopole

C177 Series - Airborne, Retractable Blade, Phase Matched

Spiral-Helix

AS-48603 - Airborne, Ground/Fixed, 0.5-18 GHz
AS-48610 - Airborne, Ground/Fixed, 0.5-18 GHz
AS-48611 - Maritime, Ground/Fixed, 0.5-18 GHz

Tilt Base

CA-1307 and CA-1309 - Maritime, Hydraulic Tilt-Bases

Vertical Array

Q155 Series - Ground/Mobile, Omni, VHF through C-Band
Q172 - Ground/Mobile, Omni, VHF/UHF Band
Q173 - Ground/Mobile, Directional, UHF through C-Band
Q182 - Ground/Mobile, Omni, VHF through 6 GHz

Vertical Dipole Array

Q20-5 - Airborne, TCDL, High-Gain
Q71 Series - Airborne, Maritime, Ground/Mobile, Ground/Fixed, JTIDS-Link-16 Collinear Dipole Array

Yagi

SE77 - Man-pack, Collapsible, High-Gain Yagi
Communications

**L-Band**
- **Q71 Series** - Ground/Vehicular, JTIDS-Link-16 Collinear Dipole Array

**UHF**
- **C7 Series** - Airborne, 8” Blade, Mach 2+
- **C57-1** - Airborne, 3.5” Blade, Radio Telephone Applications
- **C66 Series** - Ground, Dipole, Mast or Clamp Mount, High Power
- **C97-1** - Ground, Collinear Dipole Array, High Power
- **C119** - Airborne, 9” Blade (AT-256/ARC)
- **CA-1140 HI Series** - Ground, Multichannel Dipole, Hi-Isolation
- **CA-1140 Series** - Ground, Multichannel Dipole
- **CA-1181** - Maritime, Collinear Dipole Array
- **CA-1400 Series** - Ground, Multichannel Dipole
- **CA-3018** - Maritime, UHF Line-of-Sight Dipole
- **CA-3080** - Maritime, Broadband Vertical Dipole (200-1000 MHz)
- **CA-3096** - Maritime, Broadband Vertical Dipole (90-500 MHz)
- **CA-3123** - Maritime, UHF Line-of-Sight Dipole
- **CA-4001 Series** - Maritime, Collinear Dipole Array
- **CA-6001** - Ground, Dual-Collinear Dipole Arrays, High-Power
- **CA-6002** - Ground, Dual-Collinear Dipole Arrays

**VHF**
- **C50-17** - Airborne, 16” Blade, Air-Transport
- **C60 Series** - Airborne, 12” Blade, Regional/Business Jet
- **C63 Series** - Airborne, Whip, General Aviation
- **C70 Series** - Airborne, Whip, General Aviation
- **C199-1-1** - Airborne, Low-Profile Whip, Business Jet
- **C200 Series** - Ground, VHF-Lo, Monopole
- **CA-1139** - Ground, VHF-High, Multichannel Dipole
- **CA-1177** - Maritime, VHF-Lo, High-Power Dipole
- **CA-3124** - Maritime, VHF-High, Dipole
- **CA-3506** - Ground, VHF-Lo, Mast-Mounted Dipole
- **CA-3520** - Ground, VHF-Lo, Mast-Mounted Dipole
- **Q155 Series** - Ground-Mobile, Omni, VHF through C-Band

**VHF and UHF**
- **C144 Series** - Airborne, 12” Blade, Broadband
- **C206** - Ground-Mobile, Omni, Multi-Band, VHF/UHF
- **CA-1079 Series** - Ground, Multichannel Dipole
Communications

VHF and UHF (Cont’d)

CA-1128 Series - Ground, Multichannel Dipole
CA-3138 - Maritime, Broadband
CA-3597 - Maritime, Broadband Vertical Dipole (30-1300 MHz)
Q172 - Ground-Mobile, Omni, VHF/UHF Band

ESM

AM-305 - Airborne, Spiral, 8-18 GHz
AM-423 - Airborne, Spiral, 2-18 GHz
AM-431 - Airborne, Spiral, 2-18 GHz
AM-440 - Airborne, Spiral, 2-18 GHz
AM-448 - Maritime, Spiral, 2-18 GHz, High-Pressure
AM-454 - Airborne, Spiral, 2-18 GHz, High-vibration
AM-457 - Airborne, Spiral, 2-18 GHz
AM-480 - Maritime, Spiral, 1-18 GHz, High-Pressure
AS-48015 - Airborne or Ground, Log Periodic, 1-18 GHz
AS-48192 - Airborne or Ground, Log Periodic, 8-40 GHz
AS-48197 - Airborne or Ground, Log Periodic 2-40 GHz
AS-48410 - Airborne or Ground, Dual-Polarized Horn, 0.75-4.5 GHz
AS-48425 - Airborne or Ground, Dual-Polarized Horn, 4-8 GHz
AS-48435 - Airborne or Ground, Dual-Polarized Horn, 8-12 GHz
AS-48440 - Airborne or Ground, Dual-Polarized Horn, 8-26 GHz
AS-48450 - Airborne or Ground, Dual-Polarized Horn, 0.5-2 GHz
AS-48455 - Airborne or Ground, Dual-Polarized Horn, 18-40 GHz
AS-48461 Series - Airborne or Ground, Dual-Polarized Circular Horn, 2-18 GHz
AS-48530 - Airborne, Spiral, 8-40 GHz
S-48603 - Ground or Maritime, Spiral-Helix, 0.5-18 GHz
AS-48610 - Ground or Maritime, Spiral-Helix, 0.5-18 GHz
AS-48611 - Ground or Maritime, Spiral-Helix, 0.5-18 GHz
AS-48905 - Ground, Conical Spiral, 1-12 GHz
AS-48951 - Airborne, Biconical Omni, 0.5-18 GHz
AS-48955 Series - Airborne, Biconical Omni, 0.5-18 GHz
AS-48976 - Airborne, Biconical Omni, 2-18 GHz
AS-48987 - Airborne, Biconical Omni, 0.8-18 GHz
AS-48989 - Airborne, Biconical Omni, 0.5-18 GHz
C177 Series - Airborne, Retractable Blade, Phase Matched
NI24 Series - Airborne, 12” Blade, -12 model Phase/Amplitude tracked
DF-360 Series - Maritime, Circular Array Interferometer, 2-18 GHz
Q107-4-1 - Airborne, Spiral, .5-18 GHz
Q135 and Q136 - Airborne/Ground, Linear, Dual-Ridge Horns, 2-6/6-18 GHz
By Function

**ESM (Cont'd)**

Q137 Series - Airborne, Interferometer Horn, 2-6 GHz
Q138 Series - Airborne, Interferometer Horn, 6-18 GHz
Q139-1 - Airborne, Interferometer Horn, 18-40 GHz
Q142-1 - Airborne, Spiral, Phase-Tracking, 0.5-2 GHz
Q151-1-1 - Airborne, Maritime, Spiral, 1-18 GHz
Q156 Series - Airborne, Polarizing Grids, 2-40 GHz
Q159 Series - Airborne, Spiral, 2-18 GHz
Q161 - Airborne, Ground, Horn, 2-18 GHz
Q169 Series - Airborne, Spiral, 0.5-4 GHz
Q172 - Ground-Mobile, Omni, VHF/UHF Band
Q173 - Ground-Mobile, Directional, UHF through C-Band
Q175 Series - Airborne, Spiral, Phase-Tracking, 0.5-2 GHz
Q176 Series - Airborne, Spiral, Phase-Tracking, 2-6 GHz
Q177 Series - Airborne, Spiral, Phase-Tracking, 6-18 GHz
Q180 Series - Airborne, Spiral, Amplitude-Tracking, 1-18 GHz
Q182 - Ground-Mobile, Omni, VHF through 6 GHz
Q189 Series - Airborne, Spiral, 2-18 GHz
RFS Horn - Ground, Circular, Dual-Linear Horn, 6-18 GHz
SE131 Series - Airborne, Spiral, 2-18 GHz

**Multifunction (CNI)**

CNI8 Series - Airborne, 8” Blade, UHF/L-Band, Single Port or Internal Diplexer
CNI14 Series - Airborne, 8” Blade, V/UHF/L-Band, Single Port or Diplexer
CNI22 - Airborne, Swept-Back Blades, UHF/L-Band, Internal Diplexers
CNI37-1-1 - Airborne, 24” Blade, V/UHF/L-Band, Single Port, High-Gain

**Navigation**

Altimeter

PN19 Series - Airborne, Semi-conformal, Microstrip Design

Couplers

H69-1 - Airborne, VOR/ILS/GS Multiport
H Series - Airborne, VOR/ILS Splitters/Diplexers

Glideslope

N25 Series - Airborne, Center-Fed Loop, Single or dual outputs
N41-1 - Airborne, Center-Fed Loop, low-profile
Navigation

**GPS, Anti-Jam (CRPA)**
- N79-3 - Airborne, 7-Channel, L1/L2, Passive
- N100-3 Series - Airborne, 4-Channel, L1/L2, Passive

**GPS, Fixed (FRPA)**
- C146-13 - Airborne, Mach 1+, Ultra-High Accuracy, L1/L2, Passive
- C146-24-1 - Ground, Ultra-High Accuracy, L1/L2/L5 GPS, Glonass, Passive
- C146 Series - Ground, Ultra-High Accuracy, L1/L2/Glonass, Passive
- N103 Series - Airborne, L1/L2, Passive

**Homing**
- N15 Series - Airborne, VHF-Lo, Terminated Loop

**L-Band**
- 1601354 - Airborne, Air-Transport/Regional, DME/ATC
- AT-741 Series - Airborne, 3.5” Blade, IFF, Mach 2+, MIL-25708
- NI7 - Airborne, Conformal Annular Slot, DME/ATC/IFF
- NI24 and NI29 Series - Airborne, 3.5” Blade, Various functions
- NI50 - Airborne, Air-Transport/Regional, DME/ATC
- NI70 - Airborne, Air-Transport/Regional, DME/ATC, DC Open Circuit

**Marker Beacon**
- 1601347 Series - Airborne, Conformal, Military Applications
- N27 - Airborne, Air Transport/Regional/Biz-Jet, low-profile
- N43 Series - Airborne, General-Aviation
- N50 Series - Airborne, Military Applications

**VOR and LOC**
- N4-4 - Airborne, True Center-Fed Loop, Ideal for Helicopters
- N4-7 and N4-8 - Airborne, True Center-Fed Loop, Ideal for Helicopters
- N4-15 and N4-33 - Airborne, Balanced Loop Pair
- N4-26 - Airborne, Localizer Antenna for Bulkhead Installation
- N4-45 - Airborne, True Center-Fed Loop, Low-drag, dual outputs
- N48 Series - Airborne, True Center-Fed Loop, Ideal for Helicopters
- N56-1 - Airborne, Air Transport, LOC functions

**VOR, LOC, and Glideslope**
- N4-17 Series - Airborne, High-Speed, Low-Drag Blades, single/dual outputs
- N9 Series - Airborne, Conformal to Radome OML, Internal Diplexer
**Satellite Communications**

**1501341 Series** - Airborne, Single-Mode UHF SATCOM, Batwing-type  
**C34 Series** - Airborne, Dual-Mode UHF SATCOM  
**C99 Series** - Ground/Maritime, Hemispherical UHF SATCOM  
**C101-3** - Ground/Maritime, High-Gain UHF SATCOM  
**C121** - Man-pack, Collapsible, High-Gain  
**C172-1-1** - Airborne, Dual-Mode UHF SATCOM, Batwing type  
**C175 Series** - Airborne, Dual-Mode UHF SATCOM, Batwing type  
**C196-1-1** - Airborne, Conformal, UHF SATCOM  
**SE77** - Man-pack, Collapsible, High-Gain Yagi  
**SE78** - Man-pack, Collapsible, Ultra-portable, Yagi  
**SE109** - Man-pack, Collapsible, Dipole w/directors

**Special Purpose**

**AS-4305 U-SPS67 (V4)** - Maritime, C-Band Surface Search Radar, Optional IFF  
**CA-1307 and CA-1309** - Maritime, Hydraulic Tilt-Bases  
**Q20-5** - Airborne, TCDL, High-Gain  
**Q134** - Airborne, Conformal, 0.6-2.2 GHz  
**R74-1-1** - Airborne/Fixed, Broadband  
**SE100** - Airborne, ACMI training, datalink/GPS Nosecones

**Telemetry**

**AS-48915 Series** - Satellite Application, S-Band Omni, Conical Spiral  
**AS-48917** - Satellite Application, L1/L2 GPS, Conical Spiral  
**AS-49030** - Launch-Vehicle or Missile, C-Band Datalink  
**AS-49034** - Launch-Vehicle or Missile, S-Band Datalink  
**AS-49052** - Launch-Vehicle or Missile, UHF Flight-Termination  
**AS-49061** - Launch-Vehicle or Missile, UHF Flight Termination  
**AS-49063** - Launch-Vehicle or Missile, UHF Flight Termination  
**AS-49070** - Airborne, Satellite-Application, S-Band Omni  
**AS-49090** - Airborne, Launch-Vehicle or Missile application, S-Band
By Platform

**Airborne**

**1501341 Series** - Single-Mode UHF SATCOM, Batwing-type

**1601347 Series** - Conformal, Military Applications

**1601354** - Air-Transport/Regional, DME/ATC

**AM-305** - Spiral, 8-18 GHz

**AM-423** - Spiral, 2-18 GHz

**AM-431** - Spiral, 2-18 GHz

**AM-440** - Spiral, 2-18 GHz

**AM-448** - Spiral, 2-18 GHz, High-Pressure

**AM-454** - Spiral, 2-18 GHz, High-vibration

**AM-457** - Spiral, 2-18 GHz

**AM-480** - Spiral, 1-18 GHz, High-Pressure

**AS-48015** - Log Periodic, 1-18 GHz

**AS-48192** - Log Periodic, 8-40 GHz

**AS-48197** - Log Periodic 2-40 GHz

**AS-48410** - Dual-Polarized Horn, 0.75-4.5 GHz

**AS-48425** - Dual-Polarized Horn, 4-8 GHz

**AS-48435** - Dual-Polarized Horn, 8-12 GHz

**AS-48440** - Dual-Polarized Horn, 8-26 GHz

**AS-48450** - Dual-Polarized Horn, 0.5-2 GHz

**AS-48455** - Dual-Polarized Horn, 18-40 GHz

**AS-48461 Series** - Dual-Polarized Circular Horn, 2-18 GHz

**AS-48530** - Spiral, 8-40 GHz

**AS-48603** - Spiral-Helix, 0.5-18 GHz

**AS-48610** - Spiral-Helix, 0.5-18 GHz

**AS-48905** - Conical Spiral, 1-12 GHz

**AS-48915 Series** - Satellite Application, S-Band Omni, Conical Spiral

**AS-48917** - Satellite Application, L1/L2 GPS, Conical Spiral

**AS-48955 Series** - Biconical Omni, 0.5-18 GHz

**AS-48976** - Biconical Omni, 2-18 GHz

**AS-48987** - Biconical Omni, 0.8-18 GHz

**AS-48989** - Biconical Omni, 0.5-18 GHz

**AS-49030** - Launch-Vehicle or Missile, C-Band Datalink

**AS-49034** - Launch-Vehicle or Missile, S-Band Datalink

**AS-49052** - Launch-Vehicle or Missile, UHF Flight Termination

**AS-49061** - Launch-Vehicle or Missile, UHF Flight Termination

**AS-49063** - Launch-Vehicle or Missile, UHF Flight Termination

**AS-49070** - Satellite-Application, S-Band Omni

**AS-49090** - Launch-Vehicle or Missile application, S-Band

**AT-741 Series** - 3.5” Blade, IFF, Mach 2+, MIL-25708

**C7 Series** - 8” Blade, Mach 2+
Airborne (Cont’d)

**C34 Series** - Dual-Mode UHF SATCOM
**C50-17** - 16” Blade, Air-Transport
**C57-1** - 3.5” Blade, Radio Telephone Applications

**C60 Series** - 12” Blade, Regional/Business Jet
**C63 Series** - Whip, General Aviation
**C70 Series** - Whip, General Aviation
**C119** - 9” Blade (AT-256/ARC)

**C144 Series** - 12” Blade, Broadband

**C146-13** - Mach 1+, Ultra-High Accuracy, L1/L2, Passive

**C172-1-1** - Dual-Mode UHF SATCOM, Batwing type

**C175 Series** - Dual-Mode UHF SATCOM, Batwing type

**C177 Series** - Retractable Blade, Phase Matched
**C196-1-1** - Conformal, UHF SATCOM

**C199-1-1** - Low-Profile Whip, Business Jet

**CNI8 Series** - 8” Blade, UHF/L-Band, Single Port or Internal Diplexer

**CNI14 Series** - 8” Blade, V/UHF/L-Band, Single Port or Diplexer

**CNI22** - Swept-Back Blades, UHF/L-Band, Internal Diplexers

**CNI24 Series** - 12” Blade, -12 model Phase/Amplitude tracked

**CNI37-1-1** - 24” Blade, V/UHF/L-Band, Single Port, High-Gain

**H69-1** - VOR/ILS/GS Multiport

**H Series** - VOR/ILS Splitters/Diplexers

**N4-4** - True Center-Fed Loop, Ideal for Helicopters

**N4-7 and N4-8** - True Center-Fed Loop, Ideal for Helicopters

**N4-15 and N4-33** - Balanced Loop Pair

**N4-17 Series** - High-Speed, Low-Drag Blades, single/dual outputs

**N4-26** - Localizer Antenna for Bulkhead Installation

**N4-45** - True Center-Fed Loop, Low-drag, dual outputs

**N9 Series** - Conformal to Radome OML, Internal Diplexer

**N15 Series** - VHF-Lo, Terminated Loop

**N25 Series** - Center-Fed Loop, Single or dual outputs

**N27** - Air Transport/Regional/Biz-Jet, low-profile

**N41-1** - Center-Fed Loop, low-profile

**N43 Series** - General-Aviation

**N48 Series** - True Center-Fed Loop, Ideal for Helicopters

**N50 Series** - Military Applications

**N56-1** - Air Transport, LOC functions

**N79-3** - 7-Channel, L1/L2, Passive

**N100-3 Series** - 4-Channel, L1/L2, Passive

**N103 Series** - L1/L2, Passive

**NI7** - Conformal Annular Slot, DME/ATC/IFF
Airborne (Cont’d)

**NI24 and NI29 Series** - 3.5” Blade, Various functions
**NI50** - Air-Transport/Regional, DME/ATC
**NI70** - Air-Transport/Regional, DME/ATC, DC Open Circuit
**PN19 Series** - Semi-conformal, Microstrip Design
**Q20-5** - TCDL, High-Gain
**Q71 Series** - JTIDS-Link-16 Collinear Dipole Array
**Q107-4-1** - Spiral, .5-18 GHz
**Q134** - Conformal, 0.6-2.2 GHz
**Q137 Series** - Interferometer Horn, 2-6 GHz
**Q138 Series** - Interferometer Horn, 6-18 GHz
**Q139-1** - Interferometer Horn, 18-40 GHz
**Q142-1** - Spiral, Phase-Tracking, 0.5-2 GHz
**Q151-1-1** - Spiral, 1-18 GHz
**Q156 Series** - Polarizing Grids, 2-40 GHz
**Q159 Series** - Spiral, 2-18 GHz
**Q161** - Horn, 2-18 GHz
**Q169 Series** - Spiral, 0.5-4 GHz
**Q175 Series** - Spiral, Phase-Tracking, 0.5-2 GHz
**Q176 Series** - Spiral, Phase-Tracking, 2-6 GHz
**Q177 Series** - Spiral, Phase-Tracking, 6-18 GHz
**Q180 Series** - Spiral, Amplitude-Tracking, 1-18 GHz
**Q189 Series** - Spiral, 2-18 GHz
**R74-1-1** - Broadband
**SE100** - ACMI training, datalink/GPS Nosecones
**SE131 Series** - Spiral, 2-18 GHz

Ground Fixed Site

**AS-48015** - Log Periodic, 1-18 GHz
**AS-48192** - Log Periodic, 8-40 GHz
**AS-48197** - Log Periodic 2-40 GHz
**AS-48410** - Dual-Polarized Horn, 0.75-4.5 GHz
**AS-48425** - Dual-Polarized Horn, 4-8 GHz
**AS-48435** - Dual-Polarized Horn, 8-12 GHz
**AS-48440** - Dual-Polarized Horn, 8-26 GHz
**AS-48450** - Dual-Polarized Horn, 0.5-2 GHz
**AS-48455** - Dual-Polarized Horn, 18-40 GHz
**AS-48461 Series** - Dual-Polarized Circular Horn, 2-18 GHz
**AS-48603** - Spiral-Helix, 0.5-18 GHz
**AS-48610** - Spiral-Helix, 0.5-18 GHz
**AS-48611** - Spiral-Helix, 0.5-18 GHz
Ground Fixed Site (Cont’d)

AS-48905 - Conical Spiral, 1-12 GHz
AS-48923 - Conical Spiral, 1-18 GHz
AS-48951 - Biconical Omni, 0.5-18 GHz
AS-48955 Series - Biconical Omni, 0.5-18 GHz
AS-48976 - Biconical Omni, 2-18 GHz
AS-48987 - Biconical Omni, 0.8-18 GHz
AS-48989 - Biconical Omni, 0.5-18 GHz
C66 Series - Dipole, Mast or Clamp Mount, High Power
C97-1 - Collinear Dipole Array, High Power
C99 Series - Hemispherical UHF SATCOM
C101-3 - High-Gain UHF SATCOM
C121 - Man-pack, Collapsible, High-Gain
C146-24-1 - Ultra-High Accuracy, L1/L2/L5 GPS, Glonass, Passive
C146 Series - Ultra-High Accuracy, L1/L2/Glonass, Passive
C200 Series - VHF-Lo, Monopole
C206 - Omni, Multi-Band, VHF/UHF
CA-1079 Series - Multichannel Dipole
CA-1128 Series - Multichannel Dipole
CA-1139 - VHF-High, Multichannel Dipole
CA-1140 HI Series - Multichannel Dipole, Hi-Isolation
CA-1140 Series - Multichannel Dipole
CA-1400 Series - Multichannel Dipole
CA-3080 - Omnidirectional Vertical Dipole (200-1000 MHz)
CA-3096 - Broadband Vertical Dipole (90-500 MHz)
CA-3506 - VHF-Lo, Mast-Mounted Dipole
CA-3520 - VHF-Lo, Mast-Mounted Dipole
CA-3597 - Broadband Vertical Dipole (30-1300 MHz)
CA-4001 Series - Collinear Dipole Array
CA-6001 - Dual-Collinear Dipole Arrays, High-Power
CA-6002 - Dual-Collinear Dipole Arrays
Q71 Series - JTIDS-Link-16 Collinear Dipole Array
Q107-4-1 - Spiral, .5-18 GHz
Q135 and Q136 - Linear, Dual-Ridge Horns, 2-6/6-18 GHz
Q151-1-1 - Spiral, 1-18 GHz
Q161 - Horn, 2-18 GHz
RFS Horn - Circular, Dual-Linear Horn, 6-18 GHz
SE77 - Man-pack, Collapsible, High-Gain Yagi
SE78 - Man-pack, Collapsible, Ultra-portable, Yagi
SE109 - Man-pack, Collapsible, Dipole w/directors
Ground Mobile

**C66 Series** - Dipole, Mast or Clamp Mount, High Power

**C200 Series** - VHF-Lo, Monopole

**C206** - Omni, Multi-Band, VHF/UHF

**Q71 Series** - JTIDS-Link-16 Collinear Dipole Array

**Q155 Series** - Omni, VHF through C-Band

**Q172** - Omni, VHF/UHF Band

**Q173** - Directional, UHF through C-Band

**Q182** - Omni, VHF through 6 GHz

**SE77** - Man-pack, Collapsible, High-Gain Yagi

**SE78** - Man-pack, Collapsible, Ultra-portable, Yagi

**SE109** - Man-pack, Collapsible, Dipole w/directors

Maritime

**AS-4305 U-SPS67 (V4)** - C-Band Surface Search Radar, Optional IFF

**AS-48015** - Log Periodic, 1-18 GHz

**AS-48192** - Log Periodic, 8-40 GHz

**AS-48197** - Log Periodic 2-40 GHz

**AS-48611** - Spiral-Helix, 0.5-18 GHz

**AS-48905** - Conical Spiral, 1-12 GHz

**AS-48923** - Conical Spiral, 1-18 GHz

**AS-48951** - Biconical Omni, 0.5-18 GHz

**AS-48955 Series** - Biconical Omni, 0.5-18 GHz

**AS-48976** - Biconical Omni, 2-18 GHz

**AS-48987** - Biconical Omni, 0.8-18 GHz

**AS-48989** - Biconical Omni, 0.5-18 GHz

**C66 Series** - Dipole, Mast or Clamp Mount, High Power

**C97-1** - Collinear Dipole Array, High Power

**C99 Series** - Hemispherical UHF SATCOM

**C101-3** - High-Gain UHF SATCOM

**C146-24-1** - Ultra-High Accuracy, L1/L2/L5 GPS, Glonass, Passive

**CA-1079 Series** - Multichannel Dipole

**CA-1128 Series** - Multichannel Dipole

**CA-1139** - VHF-High, Multichannel Dipole

**CA-1140 Series** - Multichannel Dipole

**CA-1177** - VHF-Lo, High-Power Dipole

**CA-1181** - Collinear Dipole Array

**CA-1307 and CA-1309** - Hydraulic Tilt-Bases

**CA-3018** - UHF Line-of-Sight Dipole

**CA-3080** - Broadband Vertical Dipole (200-1000 MHz)

**CA-3096** - Broadband Vertical Dipole (90-500 MHz)
Maritime (Cont’d)

**CA-3123** - UHF Line-of-Sight Dipole

**CA-3124** - VHF-High, Dipole

**CA-3138** - Broadband

**CA-3597** - Broadband Vertical Dipole (30-1300 MHz)

**DF-360 Series** - Circular Array Interferometer, 2-18 GHz

**N79-3** - 7-Channel, L1/L2, Passive

**Q71 Series** - JTIDS-Link-16 Collinear Dipole Array

**Q107-4-1** - Spiral, .5-18 GH

**Q135 and Q136** - Linear, Dual-Ridge Horns, 2-6/6-18 GHz

**Q151-1-1** - Spiral, 1-18 GHz

**RFS Horn** - Circular, Dual-Linear Horn, 6-18 GHz
<table>
<thead>
<tr>
<th>Product Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1501341 Series</strong></td>
<td>Airborne, Single-Mode UHF SATCOM, Batwing-type</td>
</tr>
<tr>
<td><strong>1601347 Series</strong></td>
<td>Airborne, Conformal, Military Applications</td>
</tr>
<tr>
<td><strong>1601354</strong></td>
<td>Airborne, Air-Transport/Regional, DME/ATC</td>
</tr>
<tr>
<td><strong>AM-305</strong></td>
<td>Airborne, Spiral, 8-18 GHz</td>
</tr>
<tr>
<td><strong>AM-423</strong></td>
<td>Airborne, Spiral, 2-18 GHz</td>
</tr>
<tr>
<td><strong>AM-431</strong></td>
<td>Airborne, Spiral, 2-18 GHz</td>
</tr>
<tr>
<td><strong>AM-440</strong></td>
<td>Airborne, Spiral, 2-18 GHz</td>
</tr>
<tr>
<td><strong>AM-448</strong></td>
<td>Maritime, Spiral, 2-18 GHz, High-Pressure</td>
</tr>
<tr>
<td><strong>AM-454</strong></td>
<td>Airborne, Spiral, 2-18 GHz, High-vibration</td>
</tr>
<tr>
<td><strong>AM-457</strong></td>
<td>Airborne, Spiral, 2-18 GHz</td>
</tr>
<tr>
<td><strong>AM-480</strong></td>
<td>Maritime, Spiral, 2-18 GHz, High-Pressure</td>
</tr>
<tr>
<td><strong>AS-4305 U-SPS67 (V4)</strong></td>
<td>Maritime, C-Band Surface Search Radar, Optional IFF</td>
</tr>
<tr>
<td><strong>AS-48015</strong></td>
<td>Airborne or Ground, Log Periodic, 1-18 GHz</td>
</tr>
<tr>
<td><strong>AS-48192</strong></td>
<td>Airborne or Ground, Log Periodic, 8-40 GHz</td>
</tr>
<tr>
<td><strong>AS-48197</strong></td>
<td>Airborne or Ground, Log Periodic 2-40 GHz</td>
</tr>
<tr>
<td><strong>AS-48410</strong></td>
<td>Airborne or Ground, Dual-Polarized Horn, 0.75-4.5 GHz</td>
</tr>
<tr>
<td><strong>AS-48425</strong></td>
<td>Airborne or Ground, Dual-Polarized Horn, 4-8 GHz</td>
</tr>
<tr>
<td><strong>AS-48435</strong></td>
<td>Airborne or Ground, Dual-Polarized Horn, 8-12 GHz</td>
</tr>
<tr>
<td><strong>AS-48440</strong></td>
<td>Airborne or Ground, Dual-Polarized Horn, 8-26 GHz</td>
</tr>
<tr>
<td><strong>AS-48450</strong></td>
<td>Airborne or Ground, Dual-Polarized Horn, 0.5-2 GHz</td>
</tr>
<tr>
<td><strong>AS-48455</strong></td>
<td>Airborne or Ground, Dual-Polarized Horn, 18-40 GHz</td>
</tr>
<tr>
<td><strong>AS-48461 Series</strong></td>
<td>Airborne or Ground, Dual-Polarized Circular Horn, 2-18 GHz</td>
</tr>
<tr>
<td><strong>AS-48530</strong></td>
<td>Airborne, Spiral, 8-40 GHz</td>
</tr>
<tr>
<td><strong>AS-48603</strong></td>
<td>Ground or Maritime, Spiral-Helix, 0.5-18 GHz</td>
</tr>
<tr>
<td><strong>AS-48610</strong></td>
<td>Ground or Maritime, Spiral-Helix, 0.5-18 GHz</td>
</tr>
<tr>
<td><strong>AS-48611</strong></td>
<td>Ground or Maritime, Spiral-Helix, 0.5-18 GHz</td>
</tr>
<tr>
<td><strong>AS-48905</strong></td>
<td>Ground, Conical Spiral, 1-12 GHz</td>
</tr>
<tr>
<td><strong>AS-48915 Series</strong></td>
<td>Satellite Application, S-Band Omni, Conical Spiral</td>
</tr>
<tr>
<td><strong>AS-48917</strong></td>
<td>Satellite Application, L1/L2 GPS, Conical Spiral</td>
</tr>
<tr>
<td><strong>AS-48923</strong></td>
<td>Ground, Conical Spiral, 1-18 GHz</td>
</tr>
<tr>
<td><strong>AS-48951</strong></td>
<td>Airborne, Biconical Omni, 0.5-18 GHz</td>
</tr>
<tr>
<td><strong>AS-48955 Series</strong></td>
<td>Airborne, Biconical Omni, 0.5-18 GHz</td>
</tr>
<tr>
<td><strong>AS-48976</strong></td>
<td>Airborne, Biconical Omni, 2-18 GHz</td>
</tr>
<tr>
<td><strong>AS-48987</strong></td>
<td>Airborne, Biconical Omni, 0.8-18 GHz</td>
</tr>
<tr>
<td><strong>AS-48989</strong></td>
<td>Airborne, Biconical Omni, 0.5-18 GHz</td>
</tr>
<tr>
<td><strong>AS-49030</strong></td>
<td>Launch-Vehicle or Missile, C-Band Datalink</td>
</tr>
<tr>
<td><strong>AS-49034</strong></td>
<td>Launch-Vehicle or Missile, S-Band Datalink</td>
</tr>
<tr>
<td><strong>AS-49052</strong></td>
<td>Launch-Vehicle or Missile, UHF Flight-Termination</td>
</tr>
<tr>
<td><strong>AS-49061</strong></td>
<td>Launch-Vehicle or Missile, UHF Flight Termination</td>
</tr>
<tr>
<td><strong>AS-49063</strong></td>
<td>Launch-Vehicle or Missile, UHF Flight Termination</td>
</tr>
<tr>
<td><strong>AS-49070</strong></td>
<td>Airborne, Satellite-Application, S-Band Omni</td>
</tr>
<tr>
<td>Product Number</td>
<td>Description</td>
</tr>
<tr>
<td>----------------</td>
<td>-------------</td>
</tr>
<tr>
<td><strong>AS-49090</strong></td>
<td>Airborne, Launch-Vehicle or Missile application, S-Band</td>
</tr>
<tr>
<td><strong>AT-741 Series</strong></td>
<td>Airborne, 3.5” Blade, IFF, Mach 2+, MIL-25708</td>
</tr>
<tr>
<td><strong>C7 Series</strong></td>
<td>Airborne, 8” Blade, Mach 2+</td>
</tr>
<tr>
<td><strong>C34 Series</strong></td>
<td>Airborne, Dual-Mode UHF SATCOM</td>
</tr>
<tr>
<td><strong>C50-17</strong></td>
<td>Airborne, 16” Blade, Air-Transport</td>
</tr>
<tr>
<td><strong>C57-1</strong></td>
<td>Airborne, 3.5” Blade, Radio Telephone Applications</td>
</tr>
<tr>
<td><strong>C60 Series</strong></td>
<td>Airborne, 12” Blade, Regional/Business Jet</td>
</tr>
<tr>
<td><strong>C63 Series</strong></td>
<td>Airborne, Whip, General Aviation</td>
</tr>
<tr>
<td><strong>C66 Series</strong></td>
<td>Ground, Dipole, Mast or Clamp Mount, High Power</td>
</tr>
<tr>
<td><strong>C70 Series</strong></td>
<td>Airborne, Whip, General Aviation</td>
</tr>
<tr>
<td><strong>C97-1</strong></td>
<td>Ground, Collinear Dipole Array, High Power</td>
</tr>
<tr>
<td><strong>C99 Series</strong></td>
<td>Ground/Maritime, Hemispherical UHF SATCOM</td>
</tr>
<tr>
<td><strong>C101-3</strong></td>
<td>Ground/Maritime, High-Gain UHF SATCOM</td>
</tr>
<tr>
<td><strong>C119</strong></td>
<td>Airborne, 9” Blade (AT-256/ARC)</td>
</tr>
<tr>
<td><strong>C121</strong></td>
<td>Man-pack, Collapsible, High-Gain</td>
</tr>
<tr>
<td><strong>C144 Series</strong></td>
<td>Airborne, 12” Blade, Broadband</td>
</tr>
<tr>
<td><strong>C146-13</strong></td>
<td>Airborne, Mach 1+, Ultra-High Accuracy, L1/L2, Passive</td>
</tr>
<tr>
<td><strong>C146-24-1</strong></td>
<td>Ground, Ultra-High Accuracy, L1/L2/L5 GPS, Glonass, Passive</td>
</tr>
<tr>
<td><strong>C146 Series</strong></td>
<td>Ground, Ultra-High Accuracy, L1/L2/Glonass, Passive</td>
</tr>
<tr>
<td><strong>C172-1-1</strong></td>
<td>Airborne, Dual-Mode UHF SATCOM, Batwing type</td>
</tr>
<tr>
<td><strong>C175 Series</strong></td>
<td>Airborne, Dual-Mode UHF SATCOM, Batwing type</td>
</tr>
<tr>
<td><strong>C177 Series</strong></td>
<td>Airborne, Retractable Blade, Phase Matched</td>
</tr>
<tr>
<td><strong>C196-1-1</strong></td>
<td>Airborne, Conformal, UHF SATCOM</td>
</tr>
<tr>
<td><strong>C199-1-1</strong></td>
<td>Airborne, Low-Profile Whip, Business Jet</td>
</tr>
<tr>
<td><strong>C200 Series</strong></td>
<td>Ground, VHF-Lo, Monopole</td>
</tr>
<tr>
<td><strong>C206</strong></td>
<td>Ground-Mobile, Omni, Multi-Band, VHF/UHF</td>
</tr>
<tr>
<td><strong>CA-1079 Series</strong></td>
<td>Ground, Multichannel Dipole</td>
</tr>
<tr>
<td><strong>CA-1128 Series</strong></td>
<td>Ground, Multichannel Dipole</td>
</tr>
<tr>
<td><strong>CA-1139</strong></td>
<td>Ground, VHF-High, Multichannel Dipole</td>
</tr>
<tr>
<td><strong>CA-1140 HI Series</strong></td>
<td>Ground, Multichannel Dipole, Hi-Isolation</td>
</tr>
<tr>
<td><strong>CA-1140 Series</strong></td>
<td>Ground, Multichannel Dipole</td>
</tr>
<tr>
<td><strong>CA-1177</strong></td>
<td>Maritime, VHF-Lo, High-Power Dipole</td>
</tr>
<tr>
<td><strong>CA-1181</strong></td>
<td>Maritime, Collinear Dipole Array</td>
</tr>
<tr>
<td><strong>CA-1307 and CA-1309</strong></td>
<td>Maritime, Hydraulic Tilt-Bases</td>
</tr>
<tr>
<td><strong>CA-1400 Series</strong></td>
<td>Ground, Multichannel Dipole</td>
</tr>
<tr>
<td><strong>CA-3018</strong></td>
<td>Maritime, UHF Line-of-Sight Dipole</td>
</tr>
<tr>
<td><strong>CA-3080</strong></td>
<td>Maritime, Broadband Vertical Dipole (200-1000 MHz)</td>
</tr>
<tr>
<td><strong>CA-3096</strong></td>
<td>Maritime, Broadband Vertical Dipole (90-500 MHz)</td>
</tr>
<tr>
<td><strong>CA-3123</strong></td>
<td>Maritime, UHF Line-of-Sight Dipole</td>
</tr>
<tr>
<td><strong>CA-3124</strong></td>
<td>Maritime, VHF-High, Dipole</td>
</tr>
<tr>
<td><strong>CA-3138</strong></td>
<td>Maritime, Broadband</td>
</tr>
</tbody>
</table>
By Product Number

CA-3506 - Ground, VHF-Lo, Mast-Mounted Dipole
CA-3520 - Ground, VHF-Lo, Mast-Mounted Dipole
CA-3597 - Maritime, Broadband Vertical Dipole (30-1300 MHz)
CA-4001 Series - Maritime, Collinear Dipole Array
CA-6001 - Ground, Dual-Collinear Dipole Arrays, High-Power
CA-6002 - Ground, Dual-Collinear Dipole Arrays
CNI8 Series - Airborne, 8” Blade, UHF/L-Band, Single Port or Internal Diplexer
CNI14 Series - Airborne, 8” Blade, V/UHF/L-Band, Single Port or Diplexer
CNI22 - Airborne, Swept-Back Blades, UHF/L-Band, Internal Diplexers
CNI24 Series - Airborne, 12” Blade, -12 model Phase/Amplitude tracked
CNI37-1-1 - Airborne, 24” Blade, V/UHF/L-Band, Single Port, High-Gain
DF-360 Series - Maritime, Circular Array Interferometer, 2-18 GHz
H69-1 - Airborne, VOR/ILS/GS Multiport
H Series - Airborne, VOR/ILS Splitters/Diplexers
N4-4 - Airborne, True Center-Fed Loop, Ideal for Helicopters
N4-7 and N4-8 - Airborne, True Center-Fed Loop, Ideal for Helicopters
N4-15 and N4-33 - Airborne, Balanced Loop Pair
N4-17 Series - Airborne, High-Speed, Low-Drag Blades, single/dual outputs
N4-26 - Airborne, Localizer Antenna for Bulkhead Installation
N4-45 - Airborne, True Center-Fed Loop, Low-drag, dual outputs
N9 Series - Airborne, Conformal to Radome OML, Internal Diplexer
N15 Series - Airborne, VHF-Lo, Terminated Loop
N25 Series - Airborne, Center-Fed Loop, Single or dual outputs
N27 - Airborne, Air Transport/Regional/Biz-Jet, low-profile
N41-1 - Airborne, Center-Fed Loop, low-profile
N43 Series - Airborne, General-Aviation
N48 Series - Airborne, True Center-Fed Loop, Ideal for Helicopters
N50 Series - Airborne, Military Applications
N56-1 - Airborne, Air Transport, LOC functions
N79-3 - Airborne, 7-Channel, L1/L2, Passive
N100-3 Series - Airborne, 4-Channel, L1/L2, Passive
N103 Series - Airborne, L1/L2, Passive
N17 - Airborne, Conformal Annular Slot, DME/ATC/IFF
NI24 and NI29 Series - Airborne, 3.5” Blade, Various functions
NI50 - Airborne, Air-Transport/Regional, DME/ATC
NI70 - Airborne, Air-Transport/Regional, DME/ATC, DC Open Circuit
PN19 Series - Airborne, Semi-conformal, Microstrip Design
Q20-5 - Airborne, TCDL, High-Gain
Q71 Series - Ground/Vehicular, JTIDS-Link-16 Collinear Dipole Array
Q107-4-1 - Airborne, Spiral, .5-18 GHz
Q134 - Airborne, Conformal, 0.6-2.2 GHz
Q135 and Q136 - Airborne/Ground, Linear, Dual-Ridge Horns, 2-6/6-18 GHz
Q137 Series - Airborne, Interferometer Horn, 2-6 GHz
Q138 Series - Airborne, Interferometer Horn, 6-18 GHz
Q139-1 - Airborne, Interferometer Horn, 18-40 GHz
Q142-1 - Airborne, Spiral, Phase-Tracking, 0.5-2 GHz
Q151-1-1 - Airborne, Maritime, Spiral, 1-18 GHz
Q155 Series - Ground-Mobile, Omni, VHF through C-Band
Q156 Series - Airborne, Polarizing Grids, 2-40 GHz
Q159 Series - Airborne, Spiral, 2-18 GHz
Q161 - Airborne, Ground, Horn, 2-18 GHz
Q169 Series - Airborne, Spiral, 0.5-4 GHz
Q172 - Ground-Mobile, Omni, VHF/UHF Band
Q173 - Ground-Mobile, Directional, UHF through C-Band
Q175 Series - Airborne, Spiral, Phase-Tracking, 0.5-2 GHz
Q176 Series - Airborne, Spiral, Phase-Tracking, 2-6 GHz
Q177 Series - Airborne, Spiral, Phase-Tracking, 6-18 GHz
Q180 Series - Airborne, Spiral, Amplitude-Tracking, 1-18 GHz
Q182 - Ground-Mobile, Omni, VHF through 6 GHz
Q189 Series - Airborne, Spiral, 2-18 GHz
R74-1-1 - Airborne/Fixed, Broadband
RFS Horn - Ground, Circular, Dual-Linear Horn, 6-18 GHz
SE77 - Man-pack, Collapsible, High-Gain Yagi
SE78 - Man-pack, Collapsible, Ultra-portable, Yagi
SE100 - Airborne, ACMI training, datalink/GPS Nosecones
SE109 - Man-pack, Collapsible, Dipole w/directors
SE131 Series - Airborne, Spiral, 2-18 GHz
AIL Systems, Inc.
N79-3 - Airborne, 7-Channel, L1/L2, Passive
N100-3 Series - Airborne, 4-Channel, L1/L2, Passive
N103 Series - Airborne, L1/L2, Passive
Q20-5 - Airborne, TCDL, High-Gain
Q134 - Airborne, Conformal, 0.6-2.2 GHz
Q135 and Q136 - Airborne/Ground, Linear, Dual-Ridge Horns, 2-6/6-18 GHz
Q137 Series - Airborne, Interferometer Horn, 2-6 GHz
Q138 Series - Airborne, Interferometer Horn, 6-18 GHz
Q139-1 - Airborne, Interferometer Horn, 18-40 GHz
Q142-1 - Airborne, Spiral, Phase-Tracking, 0.5-2 GHz
RFS Horn - Ground, Circular, Dual-Linear Horn, 6-18 GHz

American Nucleonics
AM-305 - Airborne, Spiral, 8-18 GHz
AM-423 - Airborne, Spiral, 2-18 GHz
AM-431 - Airborne, Spiral, 2-18 GHz
AM-440 - Airborne, Spiral, 2-18 GHz
AM-448 - Maritime, Spiral, 2-18 GHz, High-Pressure
AM-454 - Airborne, Spiral, 2-18 GHz, High-vibration
AM-457 - Airborne, Spiral, 2-18 GHz
AM-480 - Maritime, Spiral, 1-18 GHz, High-Pressure

Chu Associates
CA-1079 Series - Ground, Multichannel Dipole
CA-1128 Series - Ground, Multichannel Dipole
CA-1139 - Ground, VHF-High, Multichannel Dipole
CA-1140 HI Series - Ground, Multichannel Dipole, Hi-Isolation
CA-1140 Series - Ground, Multichannel Dipole
CA-1177 - Maritime, VHF-Lo, High-Power Dipole
CA-1181 - Maritime, Collinear Dipole Array
CA-1307 and CA-1309 - Maritime, Hydraulic Tilt-Bases
CA-1400 Series - Ground, Multichannel Dipole
CA-3018 - Maritime, UHF Line-of-Sight Dipole
CA-3080 - Maritime, Broadband Vertical Dipole (200-1000 MHz)
CA-3096 - Maritime, Broadband Vertical Dipole (90-500 MHz)
CA-3123 - Maritime, UHF Line-of-Sight Dipole
CA-3124 - Maritime, VHF-High, Dipole
CA-3138 - Maritime, Broadband
CA-3506 - Ground, VHF-Lo, Mast-Mounted Dipole
Chu Associates (Cont’d)
CA-3520 - Ground, VHF-Lo, Mast-Mounted Dipole
CA-3597 - Maritime, Broadband Vertical Dipole (30-1300 MHz)
CA-4001 Series - Maritime, Collinear Dipole Array
CA-6001 - Ground, Dual-Collinear Dipole Arrays, High-Power
CA-6002 - Ground, Dual-Collinear Dipole Arrays

Dorne and Margolin (D&M)
1501341 Series - Airborne, Single-Mode UHF SATCOM, Batwing-type
1601347 Series - Airborne, Conformal, Military Applications
1601354 - Airborne, Air-Transport/Regional, DME/ATC
AT-741 Series - Airborne, 3.5” Blade, IFF, Mach 2+, MIL-25708
C7 Series - Airborne, 8” Blade, Mach 2+
C34 Series - Airborne, Dual-Mode UHF SATCOM
C50-17 - Airborne, 16” Blade, Air-Transport
C57-1 - Airborne, 3.5” Blade, Radio Telephone Applications
C60 Series - Airborne, 12” Blade, Regional/Business Jet
C63 Series - Airborne, Whip, General Aviation
C66 Series - Ground, Dipole, Mast or Clamp Mount, High Power
C70 Series - Airborne, 8” Blade, Mach 2+
C97-1 - Ground, Collinear Dipole Array, High Power
C99 Series - Ground/Maritime, Hemispherical UHF SATCOM
C101-3 - Ground/Maritime, High-Gain UHF SATCOM
C119 - Airborne, 9” Blade (AT-256/ARC)
C121 - Man-pack, Collapsible, High-Gain
C144 Series - Airborne, 12” Blade, Broadband
C146-13 - Airborne, Mach 1+, Ultra-High Accuracy, L1/L2, Passive
C146-24-1 - Ground, Ultra-High Accuracy, L1/L2/L5 GPS, Glonass, Passive
C146 Series - Ground, Ultra-High Accuracy, L1/L2/Glonass, Passive
C172-1-1 - Airborne, Dual-Mode UHF SATCOM, Batwing type
C175 Series - Airborne, Dual-Mode UHF SATCOM, Batwing type
C177 Series - Airborne, Retractable Blade, Phase Matched
CN18 Series - Airborne, 8” Blade, UHF/L-Band, Single Port or Internal Diplexer
CN14 Series - Airborne, 8” Blade, V/UHF/L-Band, Single Port or Diplexer
CNI22 - Airborne, Swept-Back Blades, UHF/L-Band, Internal Diplexers
CNI24 Series - Airborne, 12” Blade, -12 model Phase/Amplitude tracked
CNI37-1-1 - Airborne, 24” Blade, V/UHF/L-Band, Single Port, High-Gain
H69-1 - Airborne, VOR/ILS/GS Multiport
H Series - Airborne, VOR/ILS Splitters/Diplexers
N4-4 - Airborne, True Center-Fed Loop, Ideal for Helicopters
N4-7 and N4-8 - Airborne, True Center-Fed Loop, Ideal for Helicopters
Dorne and Margolin (D&M) (Cont’d)
N4-15 and N4-33 - Airborne, Balanced Loop Pair
N4-17 Series - Airborne, High-Speed, Low-Drag Blades, single/dual outputs
N4-26 - Airborne, Localizer Antenna for Bulkhead Installation
N4-45 - Airborne, True Center-Fed Loop, Low-drag, dual outputs
N9 Series - Airborne, Conformal to Radome OML, Internal Diplexer
N15 Series - Airborne, VHF-Lo, Terminated Loop
N25 Series - Airborne, Center-Fed Loop, Single or dual outputs
N27 - Airborne, Air Transport/Regional/Biz-Jet, low-profile
N41-1 - Airborne, Center-Fed Loop, low-profile
N43 Series - Airborne, General-Aviation
N48 Series - Airborne, True Center-Fed Loop, Ideal for Helicopters
N50 Series - Airborne, Military Applications
N56-1 - Airborne, Air Transport, LOC functions
NI7 - Airborne, Conformal Annular Slot, DME/ATC/IFF
PN17 Series - Airborne, Semi-conformal, Microstrip Design
Q71 Series - Ground/Vehicular, JTIDS-Link-16 Collinear Dipole Array
Q107-4-1 - Airborne, Spiral, .5-18 GHz
R74-1-1 - Airborne/Fixed, Broadband
SE77 - Man-pack, Collapsible, High-Gain Yagi
SE78 - Man-pack, Collapsible, Ultra-portable, Yagi
SE100 - Airborne, ACMI training, datalink/GPS Nosecones
SE109 - Man-pack, Collapsible, Dipole w/directors

EDO® Corporation
1501341 Series - Airborne, Single-Mode UHF SATCOM, Batwing-type
1601347 Series - Airborne, Conformal, Military Applications
1601354 - Airborne, Air-Transport/Regional, DME/ATC
AM-305 - Airborne, Spiral, 8-18 GHz
AM-423 - Airborne, Spiral, 2-18 GHz
AM-431 - Airborne, Spiral, 2-18 GHz
AM-440 - Airborne, Spiral, 2-18 GHz
AM-448 - Maritime, Spiral, 2-18 GHz, High-Pressure
AM-454 - Airborne, Spiral, 2-18 GHz, High-vibration
AM-457 - Airborne, Spiral, 2-18 GHz
AM-480 - Maritime, Spiral, 1-18 GHz, High-Pressure
AS-4305 U-SPS67 (V4) - Maritime, C-Band Surface Search Radar, Optional IFF
AS-48015 - Airborne or Ground, Log Periodic, 1-18 GHz
AS-48192 - Airborne or Ground, Log Periodic, 8-40 GHz
AS-48197 - Airborne or Ground, Log Periodic 2-40 GHz
AS-48410 - Airborne or Ground, Dual-Polarized Horn, 0.75-4.5 GHz
EDO® Corporation (Cont'd)

AS-48425 - Airborne or Ground, Dual-Polarized Horn, 4-8 GHz
AS-48435 - Airborne or Ground, Dual-Polarized Horn, 8-12 GHz
AS-48440 - Airborne or Ground, Dual-Polarized Horn, 8-26 GHz
AS-48450 - Airborne or Ground, Dual-Polarized Horn, 0.5-2 GHz
AS-48455 - Airborne or Ground, Dual-Polarized Horn, 18-40 GHz
AS-48461 Series - Airborne or Ground, Dual-Polarized Circular Horn, 2-18 GHz
AS-48530 - Airborne, Spiral, 8-40 GHz
AS-48603 - Ground or Maritime, Spiral-Helix, 0.5-18 GHz
AS-48610 - Ground or Maritime, Spiral-Helix, 0.5-18 GHz
AS-48611 - Ground or Maritime, Spiral-Helix, 0.5-18 GHz
AS-48905 - Ground, Conical Spiral, 1-12 GHz
AS-48915 Series - Satellite Application, S-Band Omni, Conical Spiral
AS-48917 - Satellite Application, L1/L2 GPS, Conical Spiral
AS-48923 - Ground, Conical Spiral, 1-18 GHz
AS-48951 - Airborne, Biconical Omni, 0.5-18 GHz
AS-48955 Series - Airborne, Biconical Omni, 0.5-18 GHz
AS-48976 - Airborne, Biconical Omni, 2-18 GHz
AS-48987 - Airborne, Biconical Omni, 0.8-18 GHz
AS-48989 - Airborne, Biconical Omni, 0.5-18 GHz
AS-49030 - Launch-Vehicle or Missile, C-Band Datalink
AS-49034 - Launch-Vehicle or Missile, S-Band Datalink
AS-49052 - Launch-Vehicle or Missile, UHF Flight-Termination
AS-49061 - Launch-Vehicle or Missile, UHF Flight Termination
AS-49063 - Launch-Vehicle or Missile, UHF Flight Termination
AS-49070 - Airborne, Satellite-Application, S-Band Omni
AS-49090 - Airborne, Launch-Vehicle or Missile application, S-Band
AT-741 Series - Airborne, 3.5” Blade, IFF, Mach 2+, MIL-25708
C7 Series - Airborne, 8” Blade, Mach 2+
C34 Series - Airborne, Dual-Mode UHF SATCOM
C50-17 - Airborne, 16” Blade, Air-Transport
C57-1 - Airborne, 3.5” Blade, Radio Telephone Applications
C60 Series - Airborne, 12” Blade, Regional/Business Jet
C63 Series - Airborne, Whip, General Aviation
C66 Series - Ground, Dipole, Mast or Clamp Mount, High Power
C70 Series - Airborne, Whip, General Aviation
C97-1 - Ground, Collinear Dipole Array, High Power
C99 Series - Ground/Maritime, Hemispherical UHF SATCOM
C101-3 - Ground/Maritime, High-Gain UHF SATCOM
C119 - Airborne, 9” Blade (AT-256/ARC)
C121 - Man-pack, Collapsible, High-Gain
**EDO® Corporation (Cont’d)**

**C144 Series** - Airborne, 12” Blade, Broadband

**C146-13** - Airborne, Mach 1+, Ultra-High Accuracy, L1/L2, Passive

**C146-24-1** - Ground, Ultra-High Accuracy, L1/L2/L5 GPS, Glonass, Passive

**C146 Series** - Ground, Ultra-High Accuracy, L1/L2/Glonass, Passive

**C172-1-1** - Airborne, Dual-Mode UHF SATCOM, Batwing type

**C175 Series** - Airborne, Dual-Mode UHF SATCOM, Batwing type

**C177 Series** - Airborne, Retractable Blade, Phase Matched

**C196-1-1** - Airborne, Conformal, UHF SATCOM

**C199-1-1** - Airborne, Low-Profile Whip, Business Jet

**C200 Series** - Ground, VHF-Lo, Monopole

**C206** - Ground-Mobile, Omni, Multi-Band, VHF/UHF

**CA-1079 Series** - Ground, Multichannel Dipole

**CA-1128 Series** - Ground, Multichannel Dipole

**CA-1139** - Ground, VHF-High, Multichannel Dipole

**CA-1140 HI Series** - Ground, Multichannel Dipole, Hi-Isolation

**CA-1140 Series** - Ground, Multichannel Dipole

**CA-1177** - Maritime, VHF-Lo, High-Power Dipole

**CA-1181** - Maritime, Collinear Dipole Array

**CA-1307 and CA-1309** - Maritime, Hydraulic Tilt-Bases

**CA-1400 Series** - Ground, Multichannel Dipole

**CA-3018** - Maritime, UHF Line-of-Sight Dipole

**CA-3080** - Maritime, Broadband Vertical Dipole (200-1000 MHz)

**CA-3096** - Maritime, Broadband Vertical Dipole (90-500 MHz)

**CA-3123** - Maritime, UHF Line-of-Sight Dipole

**CA-3124** - Maritime, VHF-High, Dipole

**CA-3138** - Maritime, Broadband

**CA-3506** - Ground, VHF-Lo, Mast-Mounted Dipole

**CA-3520** - Ground, VHF-Lo, Mast-Mounted Dipole

**CA-3597** - Maritime, Broadband Vertical Dipole (30-1300 MHz)

**CA-4001 Series** - Maritime, Collinear Dipole Array

**CA-6001** - Ground, Dual-Collinear Dipole Arrays, High-Power

**CA-6002** - Ground, Dual-Collinear Dipole Arrays

**CNI8 Series** - Airborne, 8” Blade, UHF/L-Band, Single Port or Internal Diplexer

**CNI14 Series** - Airborne, 8” Blade, V/UHF/L-Band, Single Port or Diplexer

**CNI22** - Airborne, Swept-Back Blades, UHF/L-Band, Internal Diplexers

**CNI24 Series** - Airborne, 12” Blade, -12 model Phase/Amplitude tracked

**CNI37-1-1** - Airborne, 24” Blade, V/UHF/L-Band, Single Port, High-Gain

**DF-360 Series** - Maritime, Circular Array Interferometer, 2-18 GHz

**H69-1** - Airborne, VOR/ILS/GS Multiport

**H Series** - Airborne, VOR/ILS Splitters/Diplexers
EDO® Corporation (Cont’d)

N4-4 - Airborne, True Center-Fed Loop, Ideal for Helicopters
N4-7 and N4-8 - Airborne, True Center-Fed Loop, Ideal for Helicopters
N4-15 and N4-33 - Airborne, Balanced Loop Pair
N4-17 Series - Airborne, High-Speed, Low-Drag Blades, single/dual outputs
N4-26 - Airborne, Localizer Antenna for Bulkhead Installation
N4-45 - Airborne, True Center-Fed Loop, Low-drag, dual outputs
N9 Series - Airborne, Conformal to Radome OML, Internal Diplexer
N15 Series - Airborne, VHF-Lo, Terminated Loop
N25 Series - Airborne, Center-Fed Loop, Single or dual outputs
N27 - Airborne, Air Transport/Regional/Biz-Jet, low-profile
N41-1 - Airborne, Center-Fed Loop, low-profile
N43 Series - Airborne, General-Aviation
N48 Series - Airborne, True Center-Fed Loop, Ideal for Helicopters
N50 Series - Airborne, Military Applications
N56-1 - Airborne, Air Transport, LOC functions
N79-3 - Airborne, 7-Channel, L1/L2, Passive
N100-3 Series - Airborne, 4-Channel, L1/L2, Passive
N103 Series - Airborne, L1/L2, Passive
N17 Series - Airborne, Conformal Annular Slot, DME/ATC/IFF
N124 and N129 Series - Airborne, 3.5" Blade, Various functions
N150 Series - Airborne, Air-Transport/Regional, DME/ATC
N170 Series - Airborne, Air-Transport/Regional, DME/ATC, DC Open Circuit
PN19 Series - Airborne, Semi-conformal, Microstrip Design
Q20-5 - Airborne, TCDL, High-Gain
Q71 Series - Ground/Vehicular, JTIDS-Link-16 Collinear Dipole Array
Q107-4-1 - Airborne, Spiral, .5-18 GHz
Q134 - Airborne, Conformal, 0.6-2.2 GHz
Q135 and Q136 - Airborne/Ground, Linear, Dual-Ridge Horns, 2-6/6-18 GHz
Q137 Series - Airborne, Interferometer Horn, 2-6 GHz
Q138 Series - Airborne, Interferometer Horn, 6-18 GHz
Q139-1 - Airborne, Interferometer Horn, 18-40 GHz
Q142-1 - Airborne, Spiral, Phase-Tracking, 0.5-2 GHz
Q151-1-1 - Airborne, Maritime, Spiral, 1-18 GHz
Q155 Series - Ground-Mobile, Omni, VHF through C-Band
Q156 Series - Airborne, Polarizing Grids, 2-40 GHz
Q159 Series - Airborne, Spiral, 2-18 GHz
Q161 - Airborne, Ground, Horn, 2-18 GHz
Q169 Series - Airborne, Spiral, 0.5-4 GHz
Q172 - Ground-Mobile, Omni, VHF/UHF Band
Q173 - Ground-Mobile, Directional, UHF through C-Band
**EDO® Corporation (Cont'd)**

- **Q175 Series** - Airborne, Spiral, Phase-Tracking, 0.5-2 GHz
- **Q176 Series** - Airborne, Spiral, Phase-Tracking, 2-6 GHz
- **Q177 Series** - Airborne, Spiral, Phase-Tracking, 6-18 GHz
- **Q180 Series** - Airborne, Spiral, Amplitude-Tracking, 1-18 GHz
- **Q182** - Ground-Mobile, Omni, VHF through 6 GHz
- **R74-1-1** - Airborne/Fixed, Broadband
- **RFS Horn** - Ground, Circular, Dual-Linear Horn, 6-18 GHz
- **SE77** - Man-pack, Collapsible, High-Gain Yagi
- **SE78** - Man-pack, Collapsible, Ultra-portable, Yagi
- **SE100** - Airborne, ACMI training, datalink/GPS Nosecones
- **SE109** - Man-pack, Collapsible, Dipole w/directors

**Watkins-Johnson**

- **AS-48015** - Airborne or Ground, Log Periodic, 1-18 GHz
- **AS-48192** - Airborne or Ground, Log Periodic, 8-40 GHz
- **AS-48197** - Airborne or Ground, Log Periodic 2-40 GHz
- **AS-48410** - Airborne or Ground, Dual-Polarized Horn, 0.75-4.5 GHz
- **AS-48425** - Airborne or Ground, Dual-Polarized Horn, 4-8 GHz
- **AS-48435** - Airborne or Ground, Dual-Polarized Horn, 8-12 GHz
- **AS-48440** - Airborne or Ground, Dual-Polarized Horn, 8-26 GHz
- **AS-48450** - Airborne or Ground, Dual-Polarized Horn, 0.5-2 GHz
- **AS-48455** - Airborne or Ground, Dual-Polarized Horn, 18-40 GHz
- **AS-48461 Series** - Airborne or Ground, Dual-Polarized Circular Horn, 2-18 GHz
- **AS-48530** - Airborne, Spiral, 8-40 GHz
- **AS-48603** - Ground or Maritime, Spiral-Helix, 0.5-18 GHz
- **AS-48610** - Ground or Maritime, Spiral-Helix, 0.5-18 GHz
- **AS-48611** - Ground or Maritime, Spiral-Helix, 0.5-18 GHz
- **AS-48905** - Ground, Conical Spiral, 1-12 GHz
- **AS-48915 Series** - Satellite Application, S-Band Omni, Conical Spiral
- **AS-48917** - Satellite Application, L1/L2 GPS, Conical Spiral
- **AS-48923** - Ground, Conical Spiral, 1-18 GHz
- **AS-48951** - Airborne, Biconical Omni, 0.5-18 GHz
- **AS-48955 Series** - Airborne, Biconical Omni, 0.5-18 GHz
- **AS-48976** - Airborne, Biconical Omni, 2-18 GHz
- **AS-48987** - Airborne, Biconical Omni, 0.8-18 GHz
- **AS-48989** - Airborne, Biconical Omni, 0.5-18 GHz
- **AS-49030** - Launch-Vehicle or Missile, C-Band Datalink
- **AS-49034** - Launch-Vehicle or Missile, S-Band Datalink
- **AS-49052** - Launch-Vehicle or Missile, UHF Flight-Termination
- **AS-49061** - Launch-Vehicle or Missile, UHF Flight Termination
Watkins-Johnson (Cont’d)

**AS-49063** - Launch-Vehicle or Missile, UHF Flight Termination

**AS-49070** - Airborne, Satellite-Application, S-Band Omni

**AS-49090** - Airborne, Launch-Vehicle or Missile application, S-Band