



Shipboard UHF Antenna

AS-390/SRC (UHF)

GSA#: GS-35F-0020R

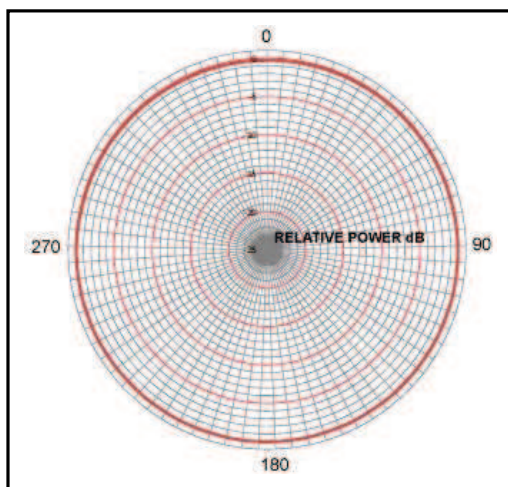
Description

The AS-390/SRC (UHF) is a vertically polarized broadband antenna designed for the UHF communications band. It is designed to withstand the most severe weather conditions. Protection from lightning is provided by grounding the top section of the stub through the stainless steel tie rod to the antenna ground plane.

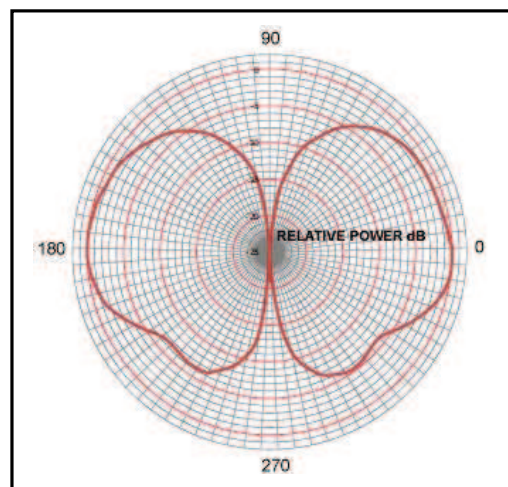
Benefits

- Robust design and construction
- Antenna is pressure tested
- Low profile
- Ingress protection rating IP68
- Heavy duty radials
- Integrated Naval pressure fitting

ANTENNA PATTERNS (AS-390/SRC)



AS-390 (UHF) – AZIMUTH



AS-390 (UHF) – ELEVATION

SHIPBOARD UHF ANTENNA MODEL AS-390/SRC (UHF)

- Very broadband
- Low VSWR
- Light Weight

TACO Antenna's ongoing policy of continuing development may result in specification changes to its products.

TACO ANTENNA

(A division of Wade Antenna, Inc.)
 29 Sharp Road, Brantford, Ontario
 Canada N3T 5L8
www.tacoantenna.com

US SALES

Jeff Kunkle
 Tel: 717.975.0885
 TF: 866.975.4433
sales@tacoantenna.com

CANADIAN SALES

Tracy Plumstead
 Tel: 519.756.7157 ext. 238
 TF: 800.463.1607 ext. 238
cansales@tacoantenna.com

EUROPEAN SALES

Jon Barton
 Tel: +44.01480.478770
 Cell: +44.07538.737796
europesales@tacoantenna.com

GLOBAL SALES

Jeff Kunkle
 Tel: 717.975.0885
 TF: 866.975.4433
globalsales@tacoantenna.com

ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE	225-400 MHz
GAIN (dBi)	2.0 (+0 / -1)
VSWR (Nom.)	Under 2:1
POLARIZATION	Vertical
CROSS POL REJECTION	20 dB
HORIZONTAL PATTERN	Omni Directional within 0.5 dB
HPBW	64°
IMPEDANCE	50 Ohm
TERMINAL TYPE	N Female
POWER RATING	700 Watts
OPERATING TEMPERATURE	-40° to 176°F (-40° to 80°C)
NSN (CAN)	5985-21-842-2439
NSN (US)	5985-00-519-9886

MECHANICAL SPECIFICATIONS

OVERALL HEIGHT	16 in. (40.64 cm)
STUB HEIGHT	9.625 in. (24.45 cm)
SKIRT DIAMETER	23 in. (58.42 cm)
WEIGHT	3.75 lbs (1.7 kg)
COLOR	Gray
MOUNT	¾-14 NPS Thread

WIND LOAD SPECIFICATIONS

WIND AREA	(NO ICE)	0.20 SQ. FT.
	(½" RADIAL ICE)	0.47 SQ. FT.
WIND LOAD	(NO ICE)	6.0 FT-LBS*
	(½" RADIAL ICE)	4.1 FT-LBS**
WIND RATING		160 M.P.H.***

* Wind Speed = 100 MPH at sea level with 100% Humidity at 70° F.

** Wind Speed = 50 MPH at sea level with 100% Humidity at 0° F.

*** Maximum Wind Speed at sea level with 100% Humidity at 70° F.
Safety Factor of 1.65 included.

TACO Antenna's ongoing policy of continuing development may result in specification changes to its products.

TACO ANTENNA

(A division of Wade Antenna, Inc.)
29 Sharp Road, Brantford, Ontario
Canada N3T 5L8
www.tacoantenna.com

US SALES

Jeff Kunkle
Tel: 717.975.0885
TF: 866.975.4433
sales@tacoantenna.com

CANADIAN SALES

Tracy Plumstead
Tel: 519.756.7157 ext. 238
TF: 800.463.1607 ext. 238
cansales@tacoantenna.com

EUROPEAN SALES

Jon Barton
Tel: +44.01480.478770
Cell: +44.07538.737796
europesales@tacoantenna.com

GLOBAL SALES

Jeff Kunkle
Tel: 717.975.0885
TF: 866.975.4433
globalsales@tacoantenna.com