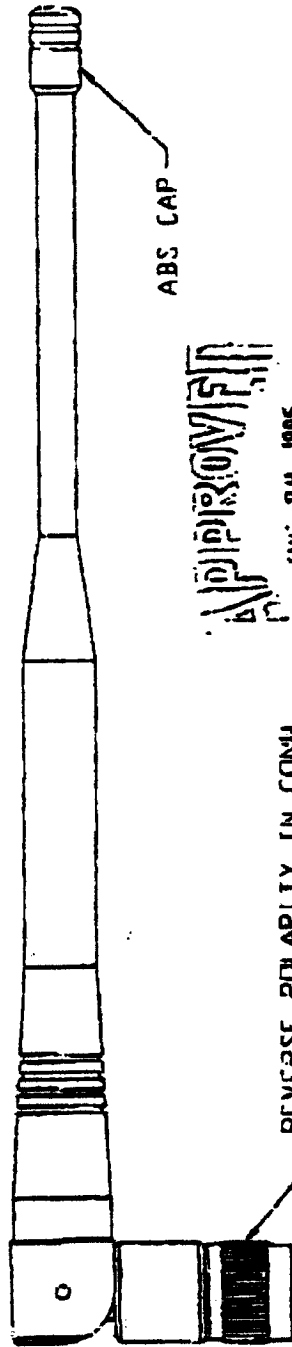
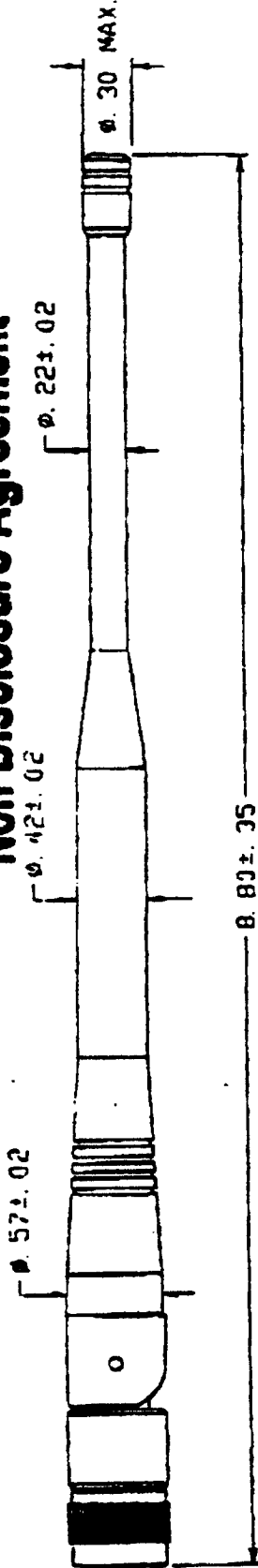


# Proprietary Information Subject To Non Disclosure Agreement

18634-000



APPROVED  
AUG 28 1995

## NOTES:

### 1. SPECIFICATIONS:

GAIN: 2.15dBi  
OPERATING TEMPERATURE: -40°C TO +85°C  
FLEX TEST: 20 lbs. LINEAR PULL  
TORQUE TEST: 20 in-lbs  
POWER RATING: 50 WATTS  
VSWR 1.5:1 MAX. AT RESONANCE

FREQ. 902MHZ  
CODE 28715  
FREQ. RANGE 896-940MHZ  
COLOR CODE NONE

ALL DIMENSIONS  
ARE IN INCHES

| LET                                                                                                                                                                                               | REVISION  | DATE  | CK | APP | SCALE  | 1:1    | TOL.       | UNLESS NOTED: |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|----|-----|--------|--------|------------|---------------|
| B                                                                                                                                                                                                 | ECD94604  | 06/94 | TB | DW  | DR: CR | CK: EC | XX = 1.018 | XX = 1.018    |
| C                                                                                                                                                                                                 | ECD94870  | 07/94 | GG | DW  |        |        | XX = 1.018 | ANGULAR ± .30 |
| D                                                                                                                                                                                                 | ECD941055 | 08/94 | DV | EJC |        |        |            |               |
| E                                                                                                                                                                                                 | ECD941385 | 11/94 | DV | EJC |        |        |            |               |
| F                                                                                                                                                                                                 | ECD9594   | 01/95 | DV | EJC |        |        |            |               |
| G                                                                                                                                                                                                 | ECD95995  | 08/95 | DP | DA  |        |        |            |               |
| CONFIDENTIAL                                                                                                                                                                                      |           |       |    |     |        |        |            |               |
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MASTER

# VENDOR CONTROL DOCUMENT

**SHEET 2 OF 2**

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### COMPLETE DESCRIPTION OF PART

**ITEM MASTER DESCRIPTION FORMAT (25 SPACES)**

|   |   |   |   |   |   |   |  |   |   |   |  |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|--|---|---|---|--|---|---|---|---|---|---|--|--|--|--|--|--|--|--|
| A | N | T | E | N | N | A |  | A | D | J |  | 9 | 0 | 0 | M | H | Z |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|--|---|---|---|--|---|---|---|---|---|---|--|--|--|--|--|--|--|--|

[illegible]



TITLE: ANTENNA, ADJUSTABLE

DRAWING NUMBER:  
18634 - 000

## VENDOR CONTROL DOCUMENT

SHEET 1 OF 2

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DRAWN BY: Don Halstead

CHECKED BY:

APPROVED BY:

## APPROVED VENDORS

A) CENTURION INT. INC.  
P.O. BOX 82846  
3425 NORTH 44TH ST.  
LINCOLN, NEBRASKA 68501  
PHONE: (800) 228-4563

B) CUSHCRAFT/SIGNALS CORP.  
P.O. BOX 4680  
MANCHESTER, NH 03108  
PHONE: (603) 627-7877  
FAX: (602) 627-1764

C)

D)

E)

F)

## DESCRIPTION:

RIGHT ANGLE ADJUSTABLE ANTENNA, 1/2 WAVE DIPOLE

FREQUENCY RANGE: 896 TO 940 MHz.  
CONNECTOR: REVERSE POLARITY TNC  
GAIN: 2.15 dBi  
POWER RATING: 50 W  
VSWR: 1.5:1 MAX. AT RESONANCE  
SWIVEL ALLOWS ANTENNA TO MOVE FROM STRAIGHT TO 90°

## CRITICAL PARAMETERS:

| REV | EC #  |
|-----|-------|
| 01  | 10422 |
| 02  | 10633 |
| 03  | 12115 |
| 04  | 14017 |

## Antenna Data

Antenna Type:  $\frac{1}{2}$  wave vertical dipole with a swivel connector.

Antenna Gain: 2.1dBi

Antenna Connector Reverse Polarity TNC (See attached photos).



Antenna Manufacturer's Information:



CENTURION INT. INC.  
P.O. Box 82846  
3425 North 44<sup>th</sup> Street  
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