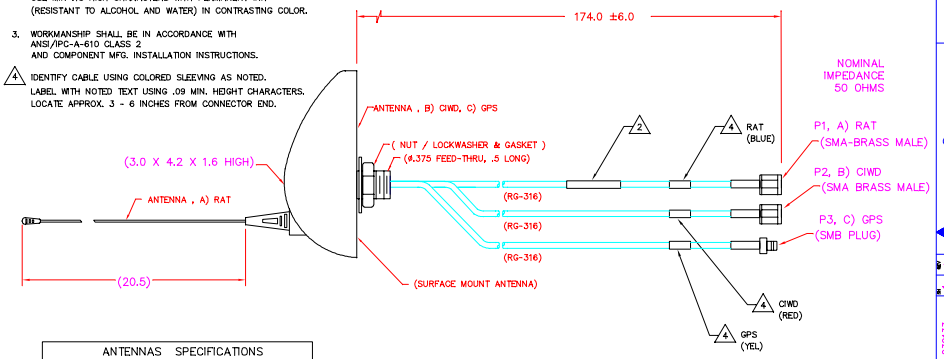
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982, AS A GUIDE.
2. IDENTIFY CABLE USING BRADY LABEL WITH;
 THE FOLLOWING: "52302ASSY230133-[DASH #] REV {CURRENT REVISION LETTER}
 (DATE CODE) WWYY "
 EXAMPLE: 52302ASSY230133-1 REV A
 2802
 LOCATE APPROX. 6 - 12 INCHES FROM CONNECTOR END.
 USE MIN .13 HIGH CHARACTERS WITH PERMANENT INK
 (RESISTANT TO ALCOHOL AND WATER) IN CONTRASTING COLOR.
3. WORKMANSHIP SHALL BE IN ACCORDANCE WITH
 ANSI/IPC-A-610 CLASS 2
 AND COMPONENT MFG. INSTALLATION INSTRUCTIONS.
4. IDENTIFY CABLE USING COLORED SLEEVING AS NOTED.
 LABEL WITH NOTED TEXT USING .09 MIN. HEIGHT CHARACTERS.
 LOCATE APPROX. 3 - 6 INCHES FROM CONNECTOR END.

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	02/04/22	DD
A	INCORP ECN 20325	03/07/28	DD



ANTENNAS SPECIFICATIONS
A) RAT FREQ. 433.95 MHz - GAIN 3 dBd
B) CIWD FREQ. 890-950 MHz
C) GPS FREQ. 1575.95 ±1 MHz
POLARIZATION; RHCP
GAIN; 30 dBi @ 90° ELEVATION
IMPEDANCE 50 OHMS
SUPPLY VOLTAGE; 3.0 - 5.0 VDC
CURRENT CONSUMPTION; 15 -25 mA
LNA NF; ≤ 2.5 dB

Kanza Systems Group
A Division of Science Applications International Corporation

BS WHIP, GPS ANT. &
CABLE ASSEMBLY - BELLSOUTH

SIZE	CAGE CODE	DWG NO.	REV
C	52302	230133	A

SCALE 1/1 FILE: 230133A.DWG SHEET 1 OF 1

SAFETY N/A
ESC N/A
ADDITIONAL APPROVALS DATE

BELLSOUTH
NEXT ASSEMBLY USED ON
APPLICATION

PRELIMINARY 04/22/02

W. EATON 03/28/28
J. ROMAN 03/28/28
T. McCALLAR 03/28/28
S. PERRY 03/28/28
L. ENGEMANEAL 03/28/28