



BILL OF MATERIALS			
ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION
1	51201/VXLPE-RG174	10.0m	POLYURETHANE JACKET
2	426-COAX-DP	1	CAOX D-SUB PLUG
3	426-SMA-P	1	SMA PLUG
4	BD-HS	1	DB HOUSING
5	DB-DS	1	DB DUSTCOVER
6	SMA-DS	1	SMA DUSTCOVER
7	426-OHM-COAX-90	1	BLACK OVER-MOLD
8	-	AR	GLUE LINER
9	0429-WA-1	1	1" WRAP AROUND LABEL

SupplyNet | DESIGN
ENGINEERING
MANUFACTURING

**REMOTE ANTENNA CABLE,
SMA, 10M**

SIZE B	DWG. NO. SN-426-0141-120	REV A
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SCALE: NA	WEIGHT:	SHEET 1 OF 1
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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN: INCHES
TOLERANCES: .XX: ± 0.03
.XXX: ± 0.005
ANGULAR: .X°: 1°
.XX°: 0.5°
BREAK EDGES: .005 - .020
FILLETS: .005 - .020
SUFACE FINISH:
GEOMETRIC TOLERANCING
PER: ASME Y14.5 -2009
MATERIAL: SEE DRAWING NOTES
FINISH: SEE DRAWING NOTES
DO NOT SCALE DRAWING

0:		NAME	DATE
	DRAWN	CWA	07/03/2024
	CHECKED	MOB	07/03/2024
	COMMENTS:		
	<p><u>PROPRIETARY AND CONFIDENTIAL</u></p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SUPPLYNET, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SUPPLYNET INC. IS PROHIBITED.</p>		
	<p>CAGE CODE: 1HJX9</p>		

- NOTES:
1. WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
 2. MARKING REQUIREMENTS:
 - A. LABEL(S) SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-130 AS APPLICABLE.
 - B. LABEL(S) SHALL BE WHITE WITH BLACK TEXT.
 - C. LABEL(S) SHALL BE PLACED WHERE SHOWN IN DRAWING.
 - D. 1" ADHESIVE WRAP AROUND LABEL(S) MAY BE USED.
 - E. LABEL SHALL BE MARKED WITH THE BELOW INFORMATION ONLY. REV MARKING PER PO.
LINE #1: 426-0141-120
LINE #2: WO#
 3. PACKAGING REQUIREMENTS:
 - A. EACH COMPLETED ASSEMBLY SHALL BE PACKAGED IN A ZIP POLYBAG.
 - B. CONNECTOR(S) SHALL BE PACKAGED TO PREVENT DAMAGE DURING SHIPPING. BUBBLE WRAP OR PROTECTIVE COVER MUST BE USED.
 - C. POLYBAG SHALL BE MARKED WITH SUPPLYNET LOGO, PRODUCT QR CODE, PART NUMBER, CAGE CODE, AND LOT NO, PER SN-STD-LBL REQUIREMENTS.
 4. WORKMANSHIP REQUIREMENTS:
 - A. MANUFACTURE TO IAW/WHMA A-620 CLASS 2 REQUIREMENTS.
 - B. SOLDERING SHALL BE COMPLIANT WITH IAW J-STD-001 AS APPLICABLE.
 - C. CONNECTOR(S) AND WIRE SHALL BE FREE FROM ANY SCRATCHES, CHIPS, AND DEFECTS.
 5. INSPECTION REQUIREMENTS:
 - A. EACH COMPLETED ASSEMBLY TO BE 100% TESTED FOR SHORTS, CONTINUITY, AND JACKET RESISTANCE (250V @100MOHM MIN.)
 - B. INSPECT TO IPC/WHMA A-620 CLASS 2 REQUIREMENTS.
 6. THE JACK SCREW SHALL BE CAPTIVE TO THE CONNECTOR AND HAVE THE CAPACITY TO RETRACT (BY SLIDING) SUCH THAT THE TIP OF THE MALE THREAD IS FLUSH OR BELOW THE CONNECTOR FLANGE.
 7. THE JACK SCREW THUMB NUT SHALL BE DESIGNED SUCH THAT THE JACKSCREW CAN BE THREADED IN AND OUT WITH THE FINGERTIPS OR A FLAT BLADE SCREWDRIVER. THE THUMB NUT SHALL NOT PROTRUDE BEYOND THE BACKSIDE OF THE BACKSHELL WHEN THE JACKSCREW IS FULLY ENGAGED IN A JACKSCREW RECEPTACLE.
 8. THE CONNECTOR FLANGE SHALL BE FLUSH TO 0.15 INCHES BELOW THE BACKSHELL OVER-MOLD MATERIAL. AN AREA OF Ø0.230 MIN AROUND CONNECTOR MOUNTING HOLES SHALL BE FREE OF OVER-MOLD MATERIAL (FOR JACKSCREW RECEPTACLE CLEARANCE).
 9. USE **GLUE LINER FOR THE COAX CONNECTOR (P2)**.