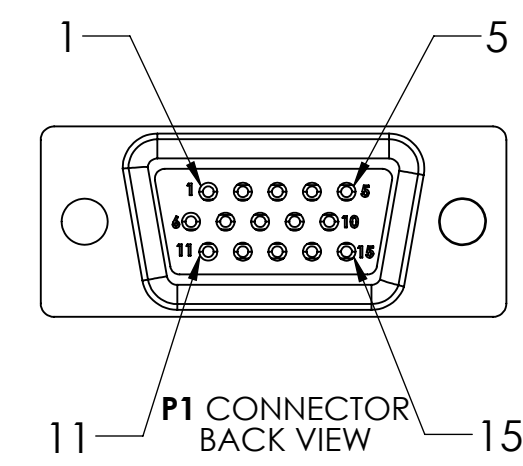
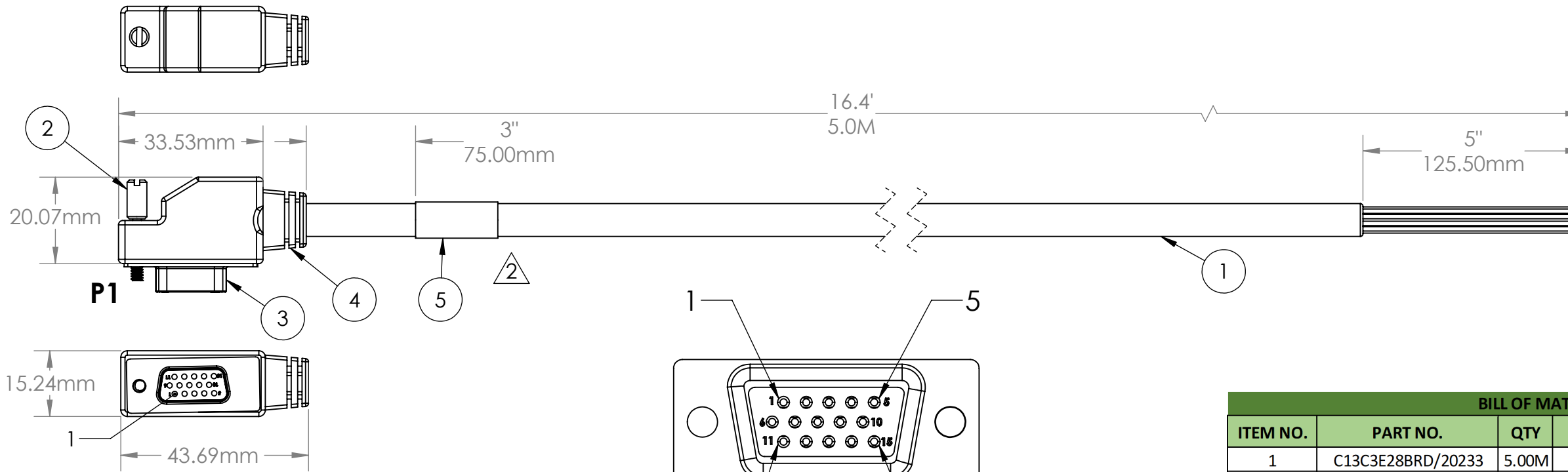
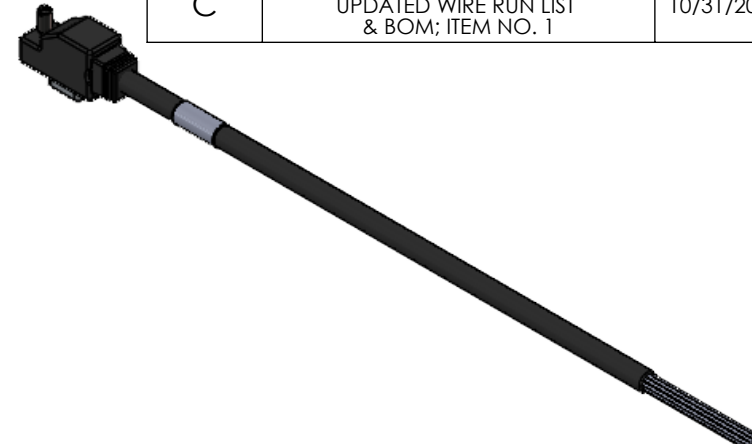


TABLE 1: WIRE RUN	
P1	WIRE COLOR
1	RED-COAX
2	RED-COAX SHIELD
3***	BROWN**
4	YELLOW
5*	BLACK/YELLOW
6	BLUE-COAX
7	WHITE/BROWN
8	YELLOW
9	BLACK**
10	WHITE/BLACK
11	BLUE-COAX SHIELD
12	BROWN**
13***	ORANGE
14	BLACK**
15	RED
SHELL	SHIELD

*THE YELLOW & BLACK/YELLOW PAIRED WIRE CAN BE SUBBED WITH THE YELLOW & WHITE/YELLOW PAIRED WIRE
 **ENSURE THAT THE BROWN WIRE ON PIN 3 IS FROM THE BROWN & WHITE/BROWN PAIR
 ENSURE THAT THE BLACK WIRE ON PIN 9 IS FROM THE BLACK & WHITE/BLACK PAIR
 ENSURE THE BROWN WIRE ON PIN 12 IS THE SINGLE WIRE - NOT PAIRED
 ENSURE THE BLACK WIRE ON PIN 14 IS THE SINGLE WIRE - NOT PAIRED
 ***THE BROWN WIRE ON PIN 3 & ORANGE WIRE ON PIN 13 ARE JUMPED

REVISIONS			
REV.	DESCRIPTION	DATE	ENG
A	INITIAL RELEASE	09/05/2024	CWA
B	UPDATED NOTES & DRAWING NUMBER	10/30/2024	CWA
C	ADDED SHEET 2, UPDATED WIRE RUN LIST & BOM; ITEM NO. 1	10/31/2024	CWA



BILL OF MATERIALS			
ITEM NO.	PART NO.	QTY	NAME/DESCRIPTION
1	C13C3E28BRD/20233	5.00M	28/3PR + 28/COAX 7XTC TPU MAT
2	F17-821-7611	1	THUMB SCREW
3	30-820-0	1	CONN, HD D-SUB 15 POS (F) PLUG
4	4209-OM-01	1	BLACK OVERMOLD, 90°
5	4209-WA-01	1	WRAP AROUND LABEL

- NOTES:
- WIRING SHALL BE DONE IN ACCORDANCE WITH TABLE 1 WIRE RUN LIST.
 - MARKING REQUIREMENTS:
 - LABEL(S) SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-130 AS APPLICABLE.
 - LABEL(S) SHALL BE WHITE WITH BLACK TEXT.
 - LABEL(S) SHALL BE PLACED WHERE SHOWN IN DRAWING.
 - ADHESIVE WRAP AROUND LABEL(S) MAY BE USED.
 - LABEL(S) SHALL BE MARKED WITH THE BELOW INFORMATION ONLY. REV MARKING PER PO. (YYYY = YEAR OF MFG, MM = MONTH OF MFG, DD, DAY OF MFG, XXXX = PO NUMBER)
 PN: SN-426-0141-030 REV. X
 CAGE: 1HJX9
 LOT: TYYYYMMDDPXXXXX
 - PACKAGING REQUIREMENTS:
 - EACH COMPLETED ASSEMBLY SHALL BE PACKAGED IN A ZIP POLYBAG.
 - CONNECTOR(S) SHALL BE PACKAGED TO PREVENT DAMAGE DURING SHIPPING. BUBBLE WRAP OR PROTECTIVE COVER MUST BE USED.
 - POLYBAG SHALL BE MARKED WITH SUPPLYNET LOGO, PRODUCT QR CODE, PART NUMBER, CAGE CODE, AND LOT NO, PER SN-STD-LBL REQUIREMENTS.
 - WORKMANSHIP REQUIREMENTS:
 - MANUFACTURE TO IAW/WHMA A-620 CLASS 2 REQUIREMENTS.
 - SOLDERING SHALL BE COMPLIANT WITH IAW J-STD-001 AS APPLICABLE.
 - CONNECTOR(S) AND WIRE SHALL BE FREE FROM ANY SCRATCHES, CHIPS, AND DEFECTS.
 - INSPECTION REQUIREMENTS:
 - EACH COMPLETED ASSEMBLY TO BE 100% TESTED FOR SHORTS, CONTINUITY, AND JACKET RESISTANCE (250V @100MOHM MIN.)
 - INSPECT TO IPC/WHMA A-620 CLASS 2 REQUIREMENTS.

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
 SURFACE FINISH:
 GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009
 MATERIAL: SEE DRAWING NOTES
 FINISH: SEE DRAWING NOTES
 DO NOT SCALE DRAWING

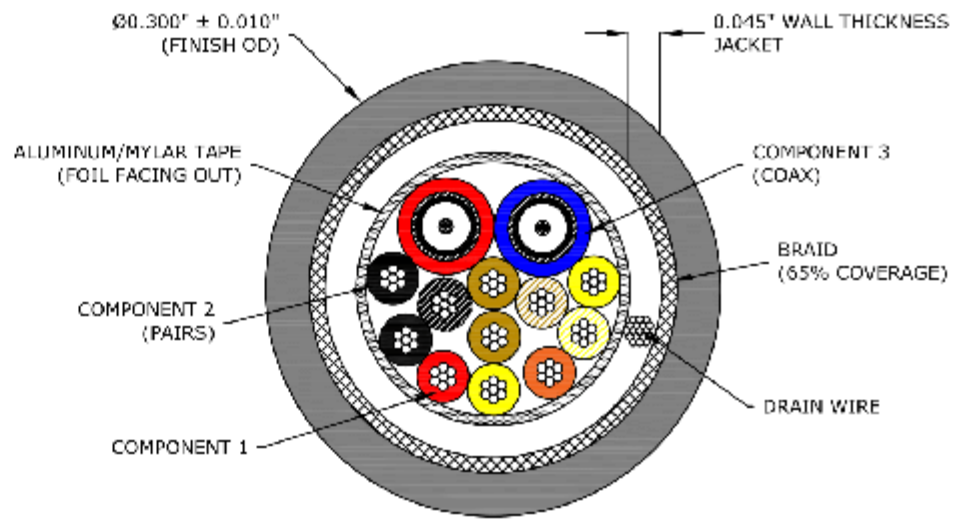
NAME: CWA DATE: 09/04/2024
 DRAWN: CWA09/04/2024
 CHECKED: RB 09/04/2024
 COMMENTS:
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REF. NUMBER: SN1240
SupplyNet DESIGN ENGINEERING MANUFACTURING
TITLE: PLGR CABLE UNTERMINATED, 5 METERS
 SIZE: **B** DWG. NO.: **SN-426-0141-030** REV: **C**
 SCALE: NA WEIGHT: SHEET 1 OF 2
CAGE CODE: 1HJX9

PART NUMBER	DESCRIPTION
C13C3E28BRD/20233	28/3PR + 28/2COAX 7XTC TPU MAT

PROPERTIES

1	JACKET	<p>JACKET 1:</p> <ul style="list-style-type: none"> ◆ MATTE BLACK POLYURETHANE ◆ JACKET WALL THICKNESS: 0.045" ◆ WEIGHT: 55 LBS/MFT ◆ FINISH O.D.: 0.300" ± 0.010" ◆ PRINT: C208787 RU AWM STYLE 20233 300V BCC "ROHS COMPLIANT" MADE IN USA
2	COMPONENT	<ul style="list-style-type: none"> ◆ COMPONENT 1: 28 AWG 5C PVC INSULATION CONDUCTOR: 5 CONDUCTORS, 28 AWG 7 STRANDS CLASS B, ANNEALED TINNED COPPER FINISH O.D.: 0.027" ◆ COMPONENT 2: 28 AWG 3PR PVC INSULATION CONDUCTOR: 3 PAIRS, 28 AWG 7 STRANDS CLASS B, ANNEALED TINNED COPPER FINISH O.D.: 0.027" ◆ COMPONENT 3: 28 AWG 50 Ω COAX CONDUCTOR: 2 CONDUCTORS, 28 AWG 7 STRANDS CLASS B, ANNEALED TINNED COPPER DIELECTRIC: HDPE Ø0.048" NATURAL COLOR SHIELD: BRAID, 28 AWG TINNED COPPER - 65% COVERAGE FINISH O.D.: 0.082" ± 0.002"
3	COLOUR CODE	<ul style="list-style-type: none"> ◆ COMPONENT 1: #1: ORANGE #2: RED #3: BROWN #4: BLACK #5: YELLOW ◆ COMPONENT 2: PR #1: BLACK AND BLACK / WHITE PR #3: YELLOW AND YELLOW / BLACK PR #2: BROWN AND BROWN / WHITE ◆ COMPONENT 3: #1: BLUE #2: RED
4	CONSTRUCTION DETAIL	TWIST TOGETHER COMPONENTS 1, 2 & 3 WITH A LAY LENGTH OF 2.75" LHL, WITH ALUMINUM/MYLAR TAPE (FOIL FACING OUT) IN TOUCH WITH DRAIN WIRE 24 AWG / 7 STRANDS TC. OVERALL BRAID 38 AWG TC - 65% COVERAGE.
5	ELECTRICAL PROPERTY	<ul style="list-style-type: none"> ◆ OPERATING TEMPERATURE: -40°C TO 80°C ◆ MAXIMUM OPERATING VOLTAGE: 300V RMS ◆ IMPEDANCE: 50 Ω ◆ CAPACITANCE: 31 pF / ft ◆ CONDUCTOR DCR: 62.62 Ω / MFT @ 20°C
6	RoHS	THIS PRODUCT COMPLIES WITH ARTICLE 4(1) OF DIRECTIVE 2002/95/EC ON THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT.



SupplyNet DESIGN ENGINEERING MANUFACTURING

DRAWING NO. C13C3E28BRD/20233

TITLE: 28/3PR + 28/2COAX 7XTC TPU MAT

DRAWN BY: CWA **DRN DATE:** 11/01/24 **CHKD BY:** RB **CHKD DATE:** 11/01/24

REQ. PADPRINT & COLOR: XXXX

SIZE: A **REV:** A

SHEET: NO. 1 OF 1

ITEM	QTY	MATERIAL P/N	ALT. P/N	DESCRIPTION	REV	INITIAL DESIGN	APR	DRN	DATE
									11/01/24

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
 SURFACE FINISH:
 GEOMETRIC TOLERANCING PER: ASME Y14.5 -2009
 MATERIAL: SEE DRAWING NOTES
 FINISH: SEE DRAWING NOTES
 DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	CWA	09/04/2024
CHECKED	RB	09/04/2024
COMMENTS:		

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REF. NUMBER: SN1240

SupplyNet DESIGN ENGINEERING MANUFACTURING

TITLE: PLGR CABLE UNTERMINATED, 5 METERS

SIZE: B **DWG. NO.:** SN-426-0141-030 **REV:** C

CAGE CODE: 1HJX9 **SCALE:** NA **WEIGHT:** **SHEET 2 OF 2**