

Notes

1. ALL ASSEMBLY WORK TO BE PERFORMED ACCORDING TO PIC ASSEMBLY MANUAL A-10 UNLESS OTHERWISE NOTED.
2. SOLDERING TO BE PERFORMED ACCORDING TO IPC-J-STD-001, AS APPLICABLE.
3. WORKMANSHIP TO BE PERFORMED ACCORDING TO IPC-A-620, CLASS 2.
4. INCLUDE APPROPRIATE TEST DOCUMENTATION WITH EACH SHIPMENT.
5. TO ORDER, SPECIFY ASSEMBLY DASH NUMBERS. "XXX" IN PART NUMBER INDICATES THE ASSEMBLY LENGTH IN INCHES.
6. LABELS ARE PER MIL-DTL-23053/5-1XX-9 (CLASS 1 - WHITE).
COVER LABELS WITH CLEAR HEAT SHRINK PER MIL-DTL-23053/5-2XX-C (CLASS 2 - CLEAR).
LENGTH AND SIZE OF LABELS & CLEAR SHRINK AS REQUIRED.
XXXXX ON LABEL = PIC WIRE & CABLE SERIAL NUMBER, AS APPLICABLE.
UNLESS OTHERWISE SPECIFIED:
FOR ASSEMBLIES 12 INCHES OR SHORTER, APPLY ONE LABEL LOCATED AT END A.
FOR ASSEMBLIES LONGER THAN 12 INCHES, APPLY ONE LABEL TO EACH END.

7 MAX LENGTH IS 96 INCHES TO MEET 6 dB LOSS REQUIREMENT.

8 MAX LENGTH IS 720 INCHES TO MEET 6 dB LOSS REQUIREMENT.

9. CABLE CUT LENGTH IS 0.5 INCHES SHORTER THAN ASSEMBLY LENGTH.
EX: CUT LENGTH FOR A 60 INCH ASSEMBLY IS 59.5 INCHES.

10. TEST REQUIREMENTS:

-01, -02, -03, -05, -06, -07, -09 ASSYS:
SWEEP FROM 2.3 TO 5.1 GHz
DOCUMENT LOSS & VSWR @ 2.4 & 5.0 GHz

-04, -08, -10 ASSYS:
SWEEP FROM 850 TO 1990 MHz
DOCUMENT MAX LOSS & MAX VSWR

-11, -12 ASSYS:
SWEEP FROM 2.3 TO 5.1 GHz
DOCUMENT LOSS & VSWR @ 2.4 & 5.0 GHz
SWEEP FROM 850 TO 1990 MHz
DOCUMENT MAX LOSS & MAX VSWR

11. CONTACT PIC WIRE & CABLE FOR OTHER CONFIGURATIONS.

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REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
1	REDRAWN ON NEW TEMPLATE. ADDED -02 THRU -12 ASSYS.	11/18/19	P. THAO

QTY												PART NO	DESCRIPTION	ITEM NO
		1										150523	TNC STR JACK, FOR UH67163	9
1				1								150509	TNC 90° PLUG, FOR UH67163	8
1	2							1				150508	TNC STR PLUG, FOR UH67163	7
		1		1				1				150503	ARINC 600 SIZE 5 SOCKET, FOR UH67163	6
A/R	A/R	A/R		A/R				A/R				UH67163	ULTRA LIGHT 50 OHM COAXIAL CABLE	5
					1	1	1					110874	TNC 90° PLUG, FOR S31601	4
		1						1	1	1		110872	TNC STR PLUG, FOR S31601	3
		1		1	1	1		1	1	1		110981	ARINC 600 SIZE 12 SOCKET, FOR S31601	2
			A/R		A/R	A/R	A/R		A/R	A/R	A/R	S31601	50 OHM, RG316, WHITE ETFE JACKET	1
												PARTS LIST		
-12	-11	-10	-09	-08	-07	-06	-05	-04	-03	-02	-01			


TOLERANCES:
 .X.....±0.25
 .XX.....±0.05
 .XXX.....±0.005
 ANGLES.....±0.5°

UNLESS OTHERWISE SPECIFIED,
DRAWING UNITS ARE IN INCHES

ORIGINAL SIGNATURES ON FILE

ISSUED S. BROWN	DATE 11/18/19
CHECKED M. TAUBENHEIM	DATE 11/18/19
APPROVED P. THAO	DATE 11/18/19

UNLESS OTHERWISE SPECIFIED, DRAWING IS IN THIRD ANGLE PROJECTION (US STANDARD)



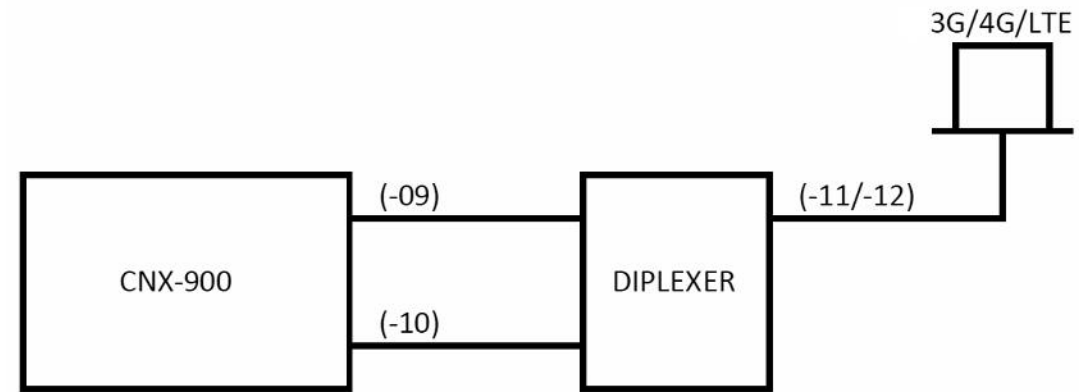
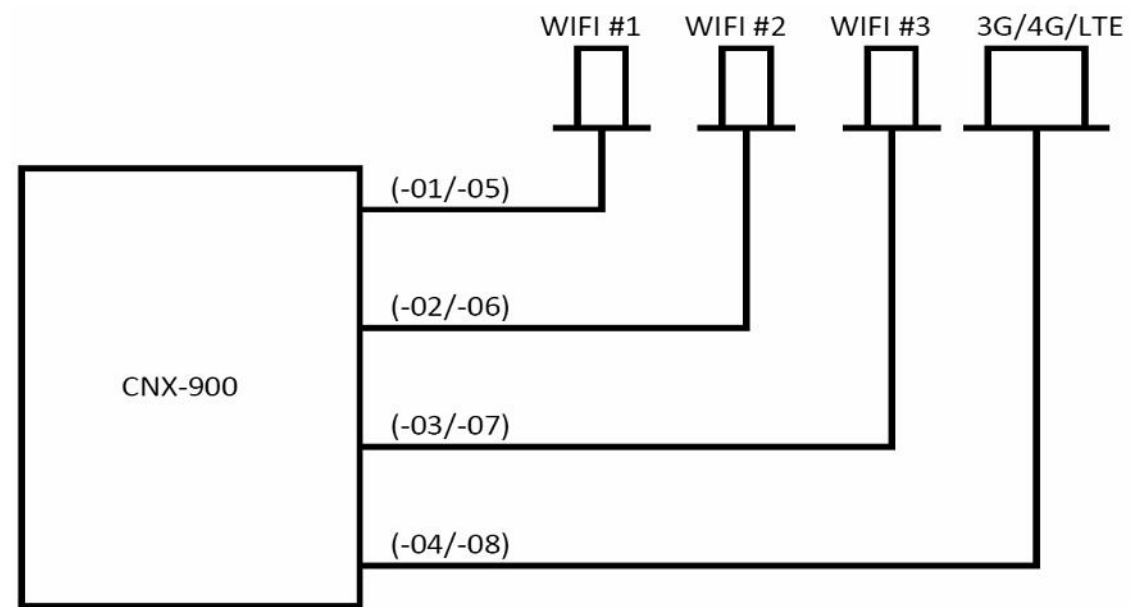
PIC WIRE & CABLE
 A Division of The Angelus Corporation
 WWW.PICWIRE.COM

TITLE
**HONEYWELL CNX-900
 COAXIAL CABLE ASSEMBLIES**

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DWG NO 28184-4151	REV 1
INTERPRET DRAWING: PER ASME Y14.100-2004 DIM AND TOL PER ASME Y14.5-2009	CAGE OBCW9
SHEET 1 OF 6	

CNX-900 SYSTEM DIAGRAM



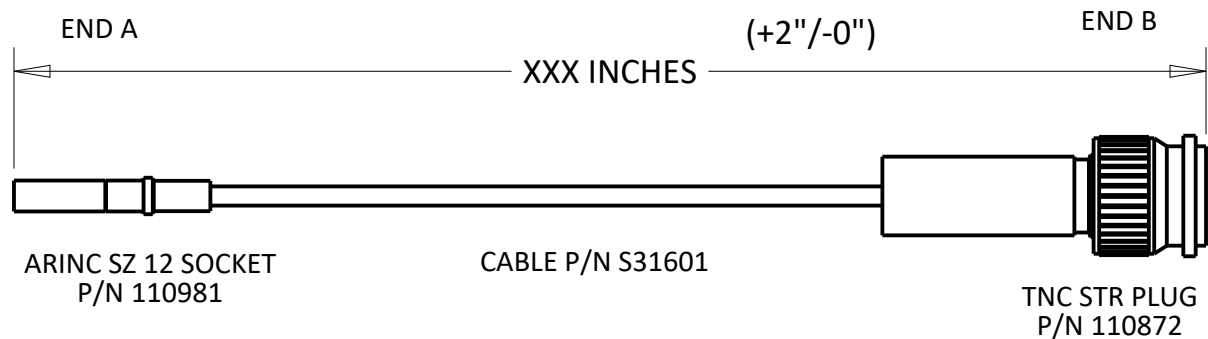
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INTERPRET DRAWING: PER ASME Y14.100-2004 DIM AND TOL PER ASME Y14.5-2009	CAGE OBCW9
	SHEET 2 of 6

1 2 3 4 5 6 7 8

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PIC P/N 28184-4151-01-XXX 7



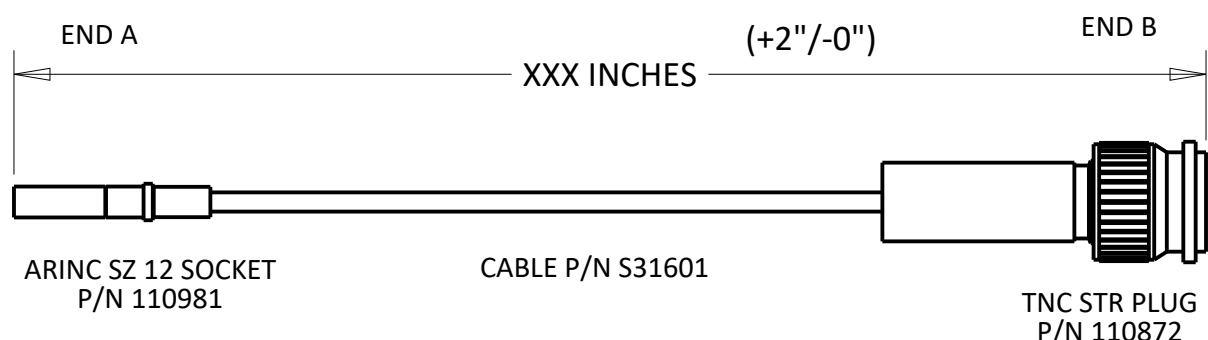
LABELS



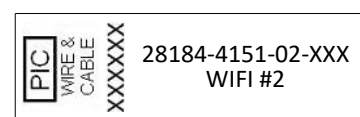
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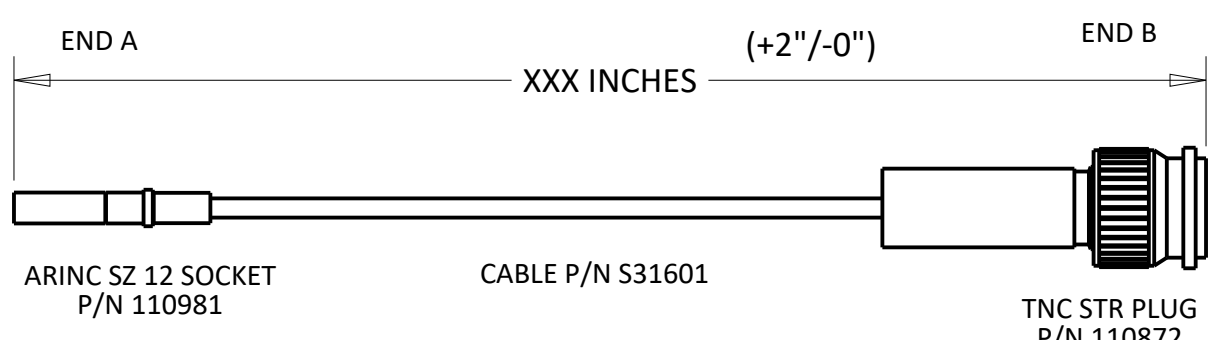
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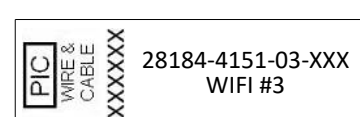
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LABELS



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D

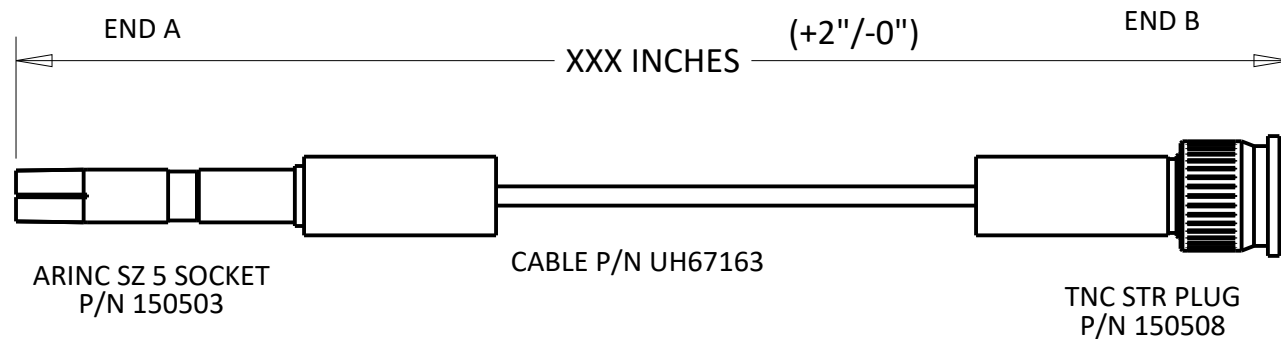
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1 2 3 4 5 6 7 8

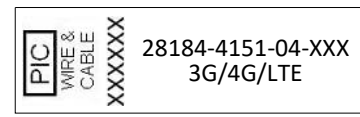
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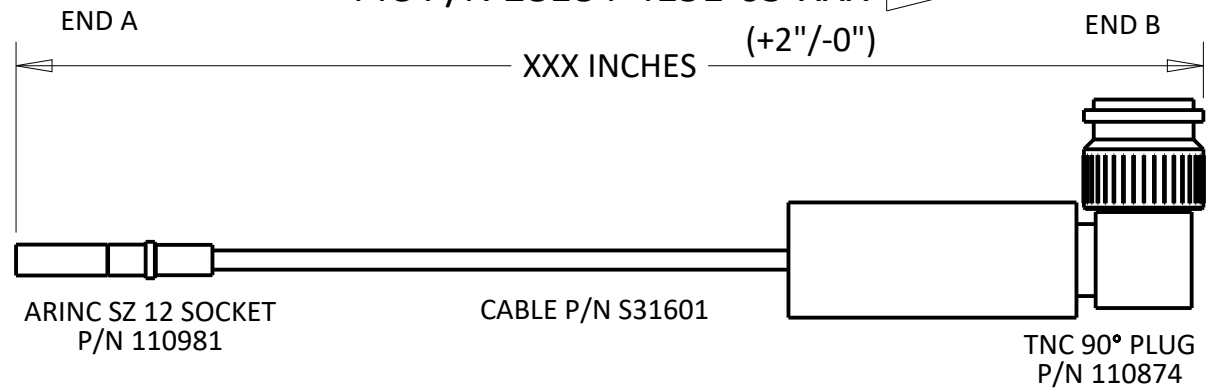
LABELS



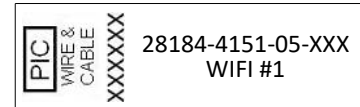
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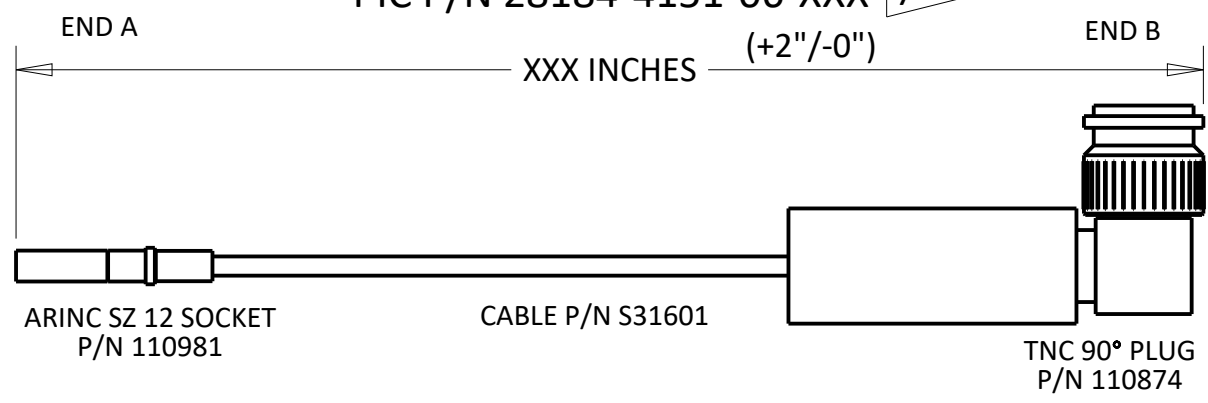
LABELS



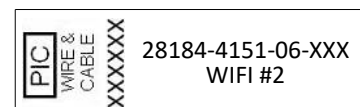
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LABELS



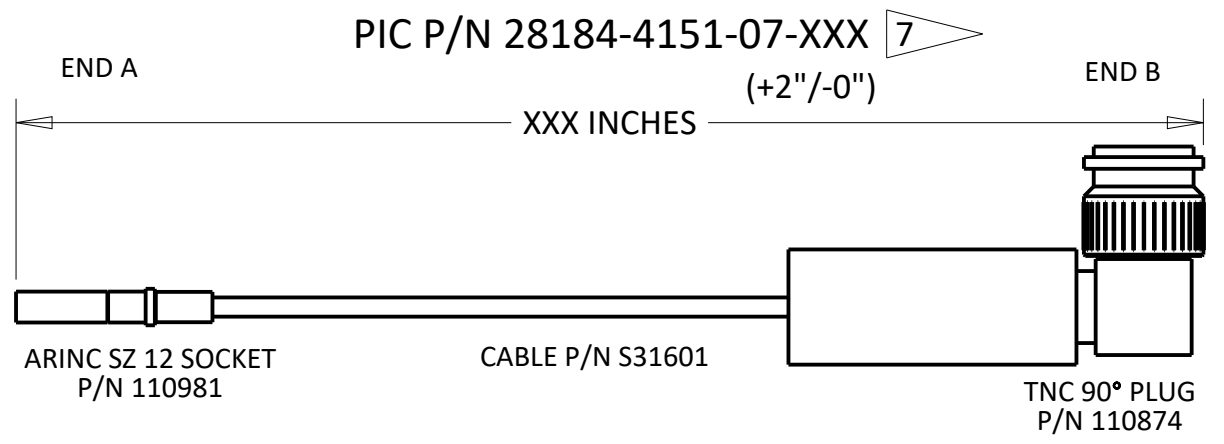
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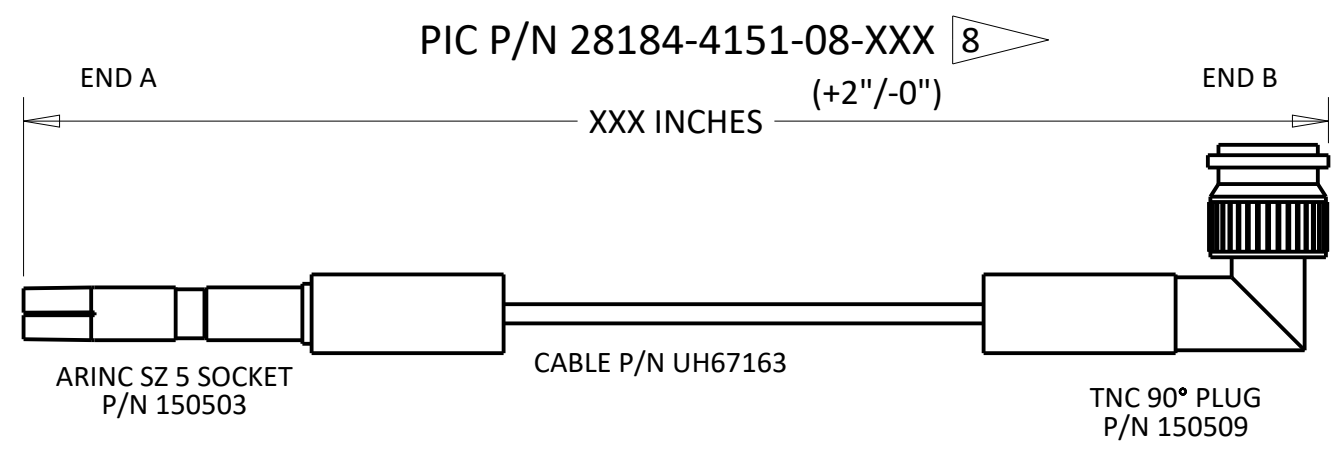


LABELS

PIC WIRE & CABLE	XXXXXX	28184-4151-07-XXX
	XXXXXX	WIFI #3
	XXXXXX	

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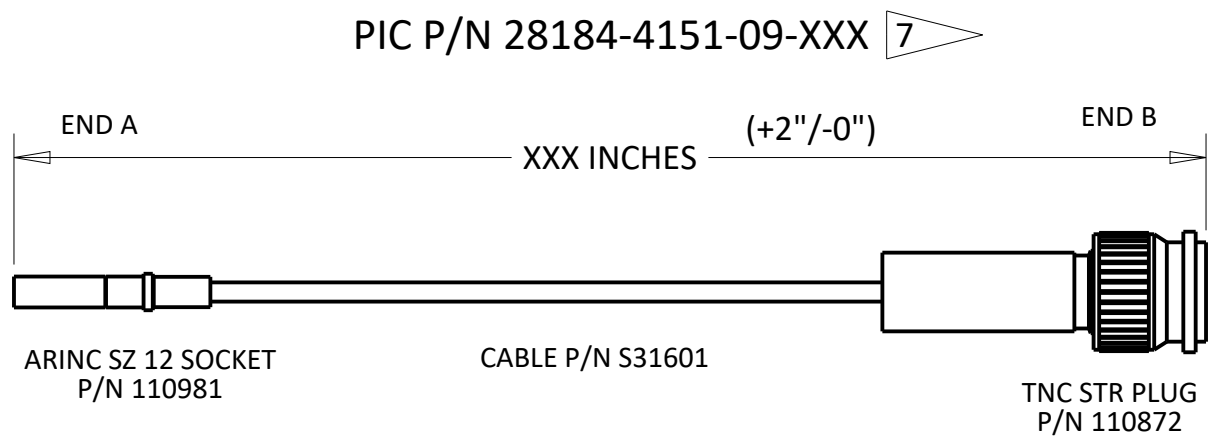


LABELS

PIC WIRE & CABLE	XXXXXX	28184-4151-08-XXX
	XXXXXX	3G/4G/LTE
	XXXXXX	

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LABELS

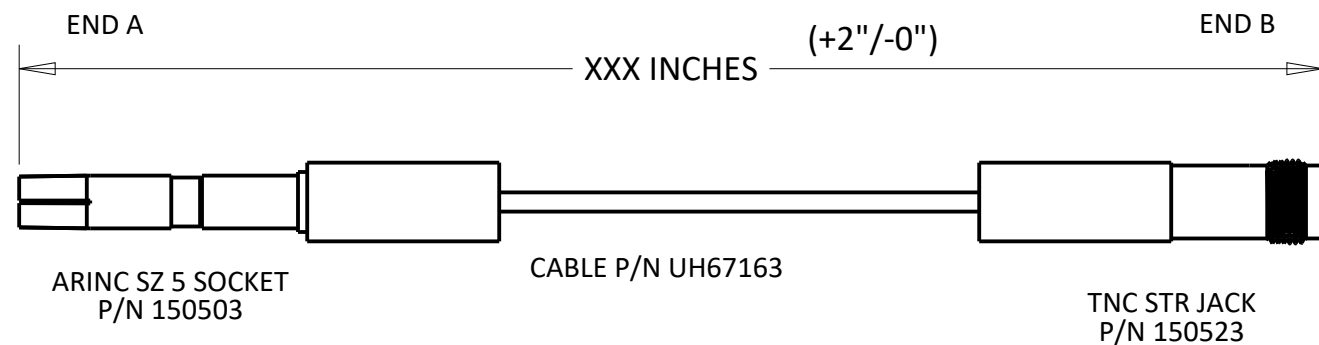
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	XXXXXX	WIFI
	XXXXXX	

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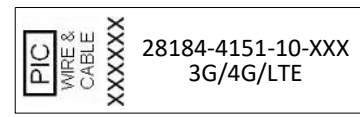
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INTERPRET DRAWING: PER ASME Y14.100-2004 DIM AND TOL PER ASME Y14.5-2009	CAGE SHEET 0BCW9 5 OF 6

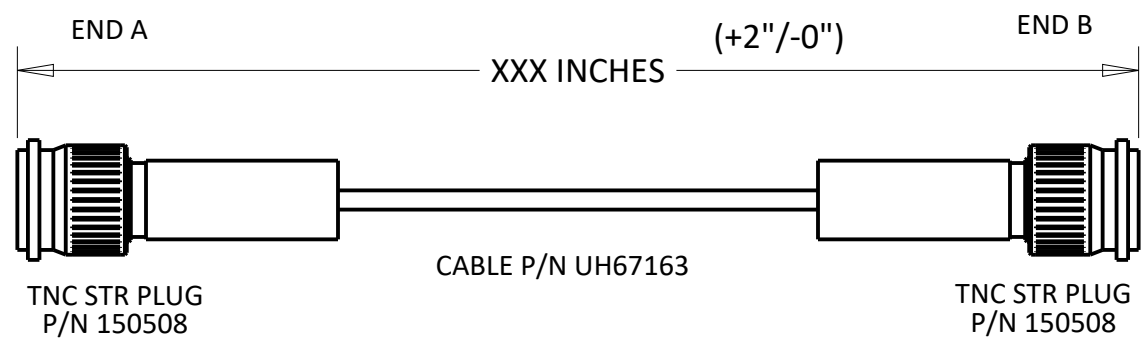
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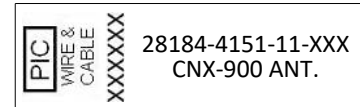
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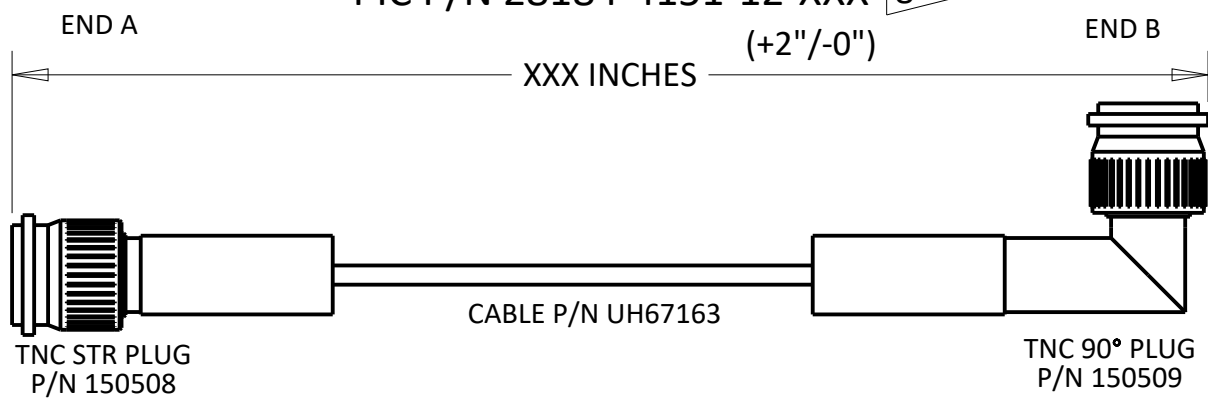
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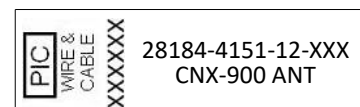
LABELS



PIC P/N 28184-4151-12-XXX 8



LABELS



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INTERPRET DRAWING: PER ASME Y14.100-2004 DIM AND TOL PER ASME Y14.5-2009	CAGE 0BCW9	SHEET 6 OF 6	