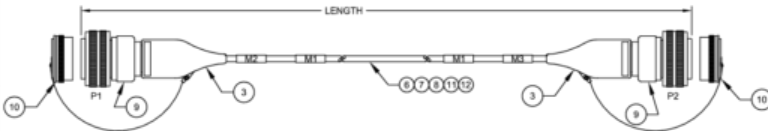


NOTES:

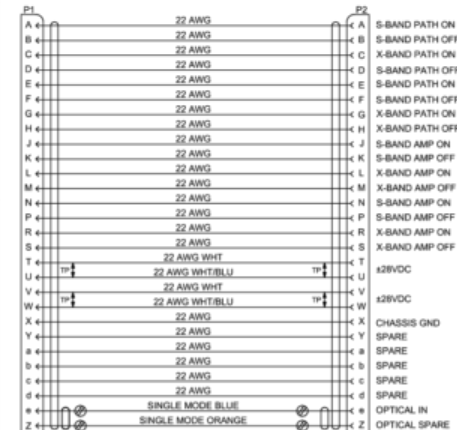
- INTERPRETATION OF ELECTRICAL AND ELECTRONIC SYMBOLS AS WELL AS REFERENCE DESIGNATIONS ARE PER ANSI STANDARDS Y32.2-1975 AND Y32.16-1975.
- CABLE ASSEMBLIES ARE TO BE ASSEMBLED IAW IPC-WHMA-A-620.
- SEE 1610005-3A-BOM FOR COMPLETE PART NUMBERS AND DESCRIPTIONS.
- COMPOSITE CABLE:
FIBER OPTICAL CABLE: CORNING TACTICAL TIGHT-BUFFERED CABLE WITH 2 FIBERS. SEE ITEM 6.
COPPER WIRE SHALL BE IAW MIL-W-22759/43 AND CONSIST OF 24 SINGLE 22 AWG WIRES AS WELL AS 2 TWISTED PAIRS OF 22 AWG PER MIL-DTL-27500.
OUTER JACKET TBO
- CONNECTORS: SHALL BE IAW MIL-DTL-38999, SERIES 81.
SEE PARTS LIST FOR PART NUMBERS.

REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE (MM/DD/YYYY)	APPROVED
00	ENGINEERING RELEASE		12/29/2014	MAX MA



TRANSMIT UNIT CABLE				
PART NO.	LENGTH +/-5 IN/0.0 IN	DESCRIPTION	M1	M2
1610005-3A	150FI	MEDIUM TRANSMIT CABLE	56N13ASSY 1610005-3A	P1 MT TBLUJ1
1610005-3B	300FI	LONG TRANSMIT CABLE	56N13ASSY 1610005-3B	P1 MT TBLUJ1



12		AR	AR	NA80 50BK	SLEEVE, HEAVY DUTY, NOMINAL SIZE 1/2", BLACK	TECHFLEX
11		AR	AR	AAS2081-C-2	LACING TAPE, TYPE 2, FINISH C, SIZE 2	SEA WIRE AND CABLE
10	P1, P2	2	2	D38999/32W19N	PLUG CAP, M38999 SERIES 3, SIZE 19	SPACECRAFT COMPONENTS CORPORATION
9	P1, P2	2	2	M89504565-13N	SHRINK BOOT ADAPTOR D38999 SERIES 3	INTERSTATE CONNECTING COMPONENTS
8		600 FI	300 FI	M27505-22SR2000	WIRE, TWISTED PAIR, 22 AWG, ETG(33), UNSHIELDED, UNSLEEVED	ALLIED WIRE & CABLE
7		600 FI	330 FI	M27505-44-22-9	WIRE, HOOF-UP, 22 AWG, ETG	ALLIED WIRE & CABLE
6		600 FT	300 FT	D02JBU-1131-3M	CABLE, TACTICAL, TIGHT-BUFFERED, SINGLE MODE (OS2), 2 FIBERS	CORNING
5	P2	2	2	M295045-4236	CONTACT, FIBER, SOCKET	AMPHENOL AEROSPACE
4	P1	2	2	M295045-4209	CONTACT, FIBER, PIN	ELECTRO ENTERPRISES
3	P1, P2	2	2	770-0055305W2	SHRINK BOOT, LIPPED, TYPE 3, SIZE 5, WITH ADHESIVE	GLENAIR INC
2	P2	1	1	D38999/26WF28SN	CONNECTOR, PLUG, SERIES 3, CRIMP	ELECTRO ENTERPRISES
1	P1	1	1	D38999/26WF28PN	CONNECTOR, PLUG, SERIES 3, CRIMP	ELECTRO ENTERPRISES
ITEM NO.	REF. DES.	QTY	PART NUMBER	DESCRIPTION		MANUFACTURER

PARTS LIST - NOT FOR PROCUREMENT, REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED

DO NOT SCALE THIS DRAWING
DIMENSIONS ARE IN INCHES
REMOVE BURRS AND SHARP EDGES
DIMENSIONAL LIMITS APPLY AFTER
PLATING OR CONVERSION COATING
PARENTHESES () ARE FOR
REFERENCE ONLY
3-ANGLE PROJECTION USED

TOLERANCES

3-PLACE DECIMALS +/-02
3-PLACE DECIMALS +/-005
FRACTIONS +/-01000

DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH
ANSI Y14.100

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TITLE: SCHEMATIC DIAGRAM CABLE RF

CUSTOMER DWS NO.: DWS NO.: REV: 00

DRAWN: MIKE STEC DATE: 10/18/2016 SCALE: NONE

CHECKED: MAX MA CASE CODE: 07PC5 PROJECT: T1285

ENGINEER: MAX MA DESIGN STATE: WORK IN-PROCESS

ISSUED/RELEASED: APP: AUTOCAD 2017 SHEET: 1 OF 1

**PRELIMINARY
CHECK PRINT ONLY**