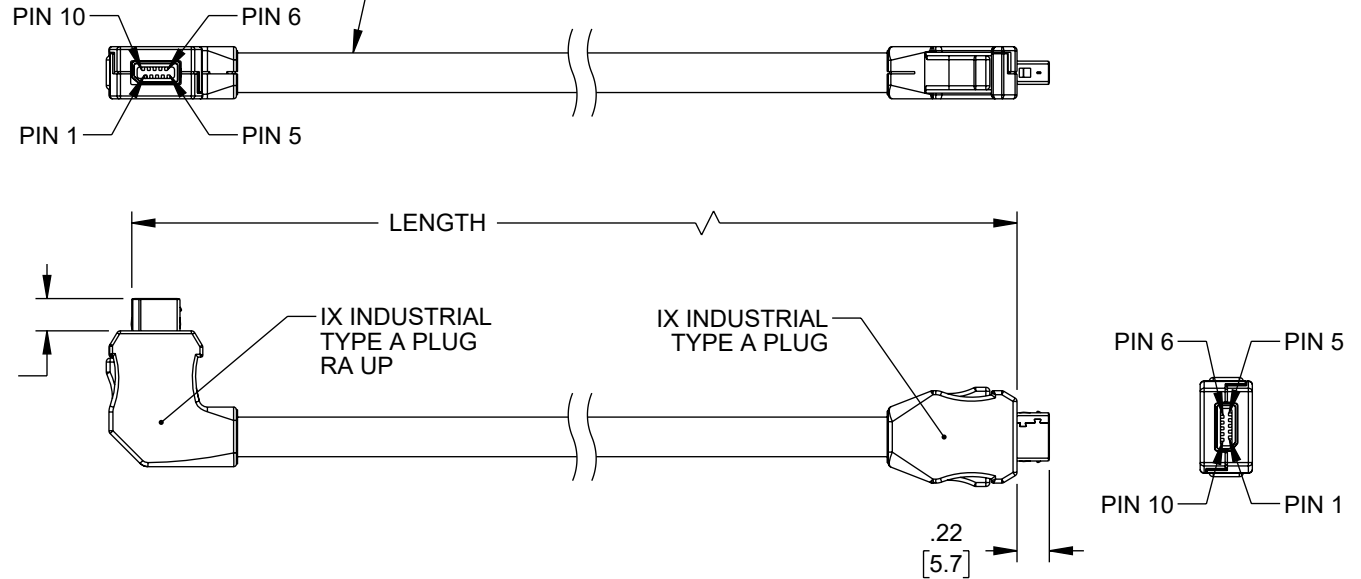


PIN #	COLOR	SIGNAL	
		10/100 MBIT/S	1/10 GBIT/S
1	ORN/WHT	TX+	BI_DA+
2	ORN	TX-	BI_DA-
3		NC	NC
4	BLU	NC	BI_DC+
5	BLU/WHT	NC	BI_DC-
6	GRN/WHT	RX+	BI_DB+
7	GRN	RX-	BI_DB-
8		NC	NC
9	BRN/WHT	NC	BI_DD+
10	BRN	NC	BI_DD-
SHIELD		SHELL	SHELL

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	12/15/2023	DZINN	GUTTADAURO

CAT6a, 4 TWISTED PR, 26AWG STRANDED TINNED COPPER WITH ALUM/POLY SHIELD (100%) OVER TINNED COPPER BRAID SHIELD (80%), JACKET: HIGH FLEX THERMOPLASTIC ELASTOMER, TEAL CABLE OD: .275 NOM.



NOTES:

CABLE CHARACTERISTICS:

- FLEX LIFE: 1 MILLION CYCLE TEST (10X CABLE OD MIN. RAD.)
10 MILLION CYCLE TEST (20X CABLE OD MIN. RAD.)
- TEMPERATURE RATING: -40°C TO +75°C
- VOLTAGE RATING: 300 V
- POE COMPLIANT TO 70 METERS WHEN INSTALLED PER RECOMMENDATIONS IN TIA TSB-184.
- FLAME RATING: CMX/CM OUTDOOR.
- CABLE JACKET IS WELD SPATTER, SUNLIGHT (UV) AND CUTTING/MACHINING OIL RESISTANT.

- NOMINAL VOLTAGE: 50 V AC/ 60 V DC.
- IX CONNECTORS CONFORM TO IEC STANDARD 61076-3-124
- THIS PRODUCT (TYPE A) IS DEFINED FOR 10/100 MBIT/S AND 1/10 GBIT/S ETHERNET COMMUNICATION. PLEASE USE TYPE B FOR ALL OTHER NON ETHERNET APPLICATIONS LIKE SIGNALING, SERIAL OR OTHER INDUSTRIAL BUS COMMUNICATION SYSTEMS.
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IAW WITH L-COM PACKAGING SPECIFICATION PS-0031.

CABLE ASSY LENGTH		
ITEM NO.	METER	FEET
TRGIX607IN-TEL-1M	1	3.28
TRGIX607IN-TEL-3M	3	9.84

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	
TOLERANCES:	
X = ±.2 [5]	FRACTIONS ± 1/32
.XX = ±.02 [0.5]	ANGLES ± 1°
.XXX = ±.005 [0.13]	
CABLE LENGTH TOLERANCES:	
≤12 [305] = +1 [25] / -0	
>12 [305] ≤ 60 [1524] = +2 [51] / -0	
>60 [1524] ≤ 120 [3048] = +4 [102] / -0	
>120 [3048] ≤ 300 [7620] = +6 [152] / -0	
>300 [7620] = +5% / -0	
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION COLORS MAY VARY	

L-com
an INFINIT@ brand

Website: www.L-com.com
Phone: 1.800.341.5266 | 1.978.682.6936

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
SCALE	SHEET
NONE	1 OF 1

DESCRIPTION				
RAUIXA-IXA CAT 6A SF/UTP HI-FLEX CMX TPE TEAL				
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DZINN	TRGIX607IN-TEL	A