

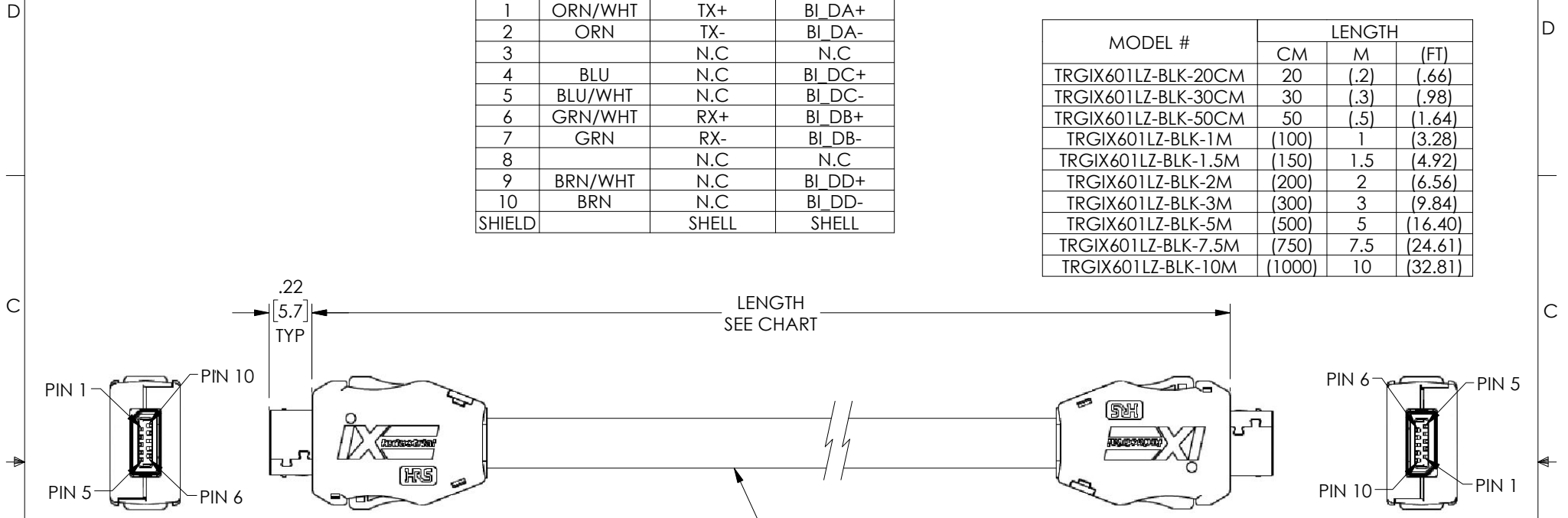
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**PIN ASSIGNMENT FOR ETHERNET**

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/19/2021	GUTTA DAURO

MODEL #	LENGTH		
	CM	M	(FT)
TRGIX601LZ-BLK-20CM	20	(.2)	(.66)
TRGIX601LZ-BLK-30CM	30	(.3)	(.98)
TRGIX601LZ-BLK-50CM	50	(.5)	(1.64)
TRGIX601LZ-BLK-1M	(100)	1	(3.28)
TRGIX601LZ-BLK-1.5M	(150)	1.5	(4.92)
TRGIX601LZ-BLK-2M	(200)	2	(6.56)
TRGIX601LZ-BLK-3M	(300)	3	(9.84)
TRGIX601LZ-BLK-5M	(500)	5	(16.40)
TRGIX601LZ-BLK-7.5M	(750)	7.5	(24.61)
TRGIX601LZ-BLK-10M	(1000)	10	(32.81)



**NOTES:**

**CABLE CHARACTERISTICS:**  
 TEMPERATURE RATING: -20 °C TO +75 °C  
 VOLTAGE RATING: 300 V  
 SHIELDED FLEXIBLE PATCH/JUMPER CABLE SUPPORTS SCREENED  
 568-C.2 CAT 6A APPLICATIONS RECOMMENDED IN TIA-568-C.2.  
 RATINGS: FLAME: VW-1, CORROSIVE GAS: IEC60754-2, SMOKE: IEC 61034-1&2, NEC(ETL)CMX, CEC C(ETL)CMX.

- 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 IN ACCORDANCE WITH L-COM PACKAGING SPECIFICATION PS-0031.

CAT6a, 4 TWISTED PR, 26AWG STRANDED TINNED COPPER WITH ALUM/POLY SHIELD (100%) WITH 26AWG TINNED COPPER DRAIN WIRE, INSULATION: HIGH DENSITY POLYETHYLENE JACKET: LOW SMOKE ZERO HALOGEN, BLACK CABLE O.D.: 0.265" NOM, .275" MAX

**IX INDUSTRIAL TYPE A PLUG 2X**

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤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 OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5]      FRACTIONS ± 1/32 .XX = ± .02 [5]      ANGLES ± 1° .XXX = ± .005 [1.3]	APPROVALS DRAWN BY BPUCHASKI CHECKED BY DFRISIELLO APPROVED BY GUTTA DAURO	DATE 03/19/2021 03/19/2021 03/19/2021	L-com™ an INFINITO® brand 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936	
	THIRD-ANGLE PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY COLOR VARIATIONS MAY OCCUR		CATEGORY TELECOM / MODULAR PRODUCT DESCRIPTION IXA-IXA, Cat6a F/UTP CMX LSZH BLK
SIZE <b>A</b>		CAGE CODE <b>43321</b>	ITEM NO. <b>TRGIX601LZ-BLK</b>	REV. <b>A</b>
SCALE: NONE		CAD FILE: TRGIX601LZ-BLK.SLDDRW		SHEET 1 OF 1