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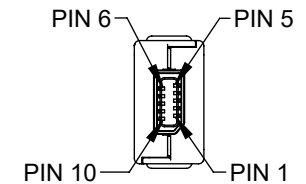
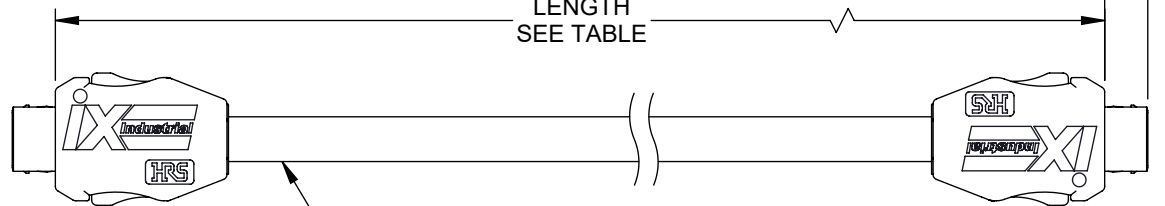
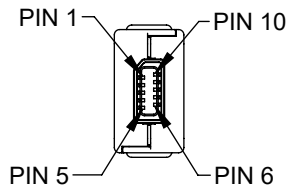
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## PIN ASSIGNMENT FOR ETHERNET

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

REVISION				
ZONE	REV	DESCRIPTION	DATE	CHANGED BY
	B	ECO-15276	01/12/2026	TDUFRENE
				DGUST



CAT6a, 4 TWISTED PR, 26AWG STRANDED TINNED COPPER  
WITH ALUM/POLY SHIELD (100%) WITH  
TINNED COPPER DRAIN WIRE,  
JACKET: POLYVINYLCHLORIDE, BLACK  
CABLE O.D: 0.233 NOM

2X IX INDUSTRIAL  
TYPE A PLUG

## 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  
RECOMMENDATIONS IN TIA-568-C.2  
RATING: NEC(UL)CMR/CMG
- 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.

MODEL #	LENGTH		
	CM	M	FT
TRGIX601EC-BLK-20CM	20	.2	.66
TRGIX601EC-BLK-30CM	30	.3	.98
TRGIX601EC-BLK-50CM	50	.5	1.64
TRGIX601EC-BLK-1M	100	1	3.28
TRGIX601EC-BLK-1.5M	150	1.5	4.92
TRGIX601EC-BLK-2M	200	2	6.56
TRGIX601EC-BLK-3M	300	3	9.84
TRGIX601EC-BLK-5M	500	5	16.40
TRGIX601EC-BLK-7.5M	750	7.5	24.61
TRGIX601EC-BLK-10M	1000	10	32.81

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

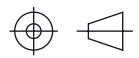
TOLERANCES:  
X = ±.2 [5]  
.XX = ±.02 [0.5]  
.XXX = ±.005 [0.13]  
FRACTIONS  
± 1/32  
ANGLES ± 1°

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

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE  
NONE

SHEET  
1 OF 1

## DESCRIPTION

IXA-IXA, CAT6a SF/UTP CMR/CMG PVC TPE BLK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	BPUCHASKI	TRGIX601EC-BLK	B

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