

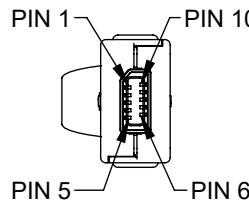
## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-15276	02/05/2026	TDUFRENE	DGUST

## PIN ASSIGNMENT

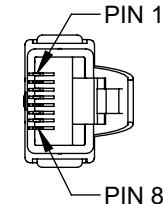
IX PIN #	COLOR	RJ45 PIN#
1	ORN/WHT	1
2	ORN	2
3		
4	BLU	4
5	BLU/WHT	5
6	GRN/WHT	3
7	GRN	6
8		
9	BRN/WHT	7
10	BRN	8
SHIELD	SHELL	SHELL

IX INDUSTRIAL  
TYPE A PLUG



MODEL #	LENGTH		
	CM	M	FT
TRGIX603EC-BLK-20CM	20	.2	.66
TRGIX603EC-BLK-30CM	30	.3	.98
TRGIX603EC-BLK-50CM	50	.5	1.64
TRGIX603EC-BLK-1M	100	1	3.28
TRGIX603EC-BLK-1.5M	150	1.5	4.92
TRGIX603EC-BLK-2M	200	2	6.56
TRGIX603EC-BLK-3M	300	3	9.84
TRGIX603EC-BLK-5M	500	5	16.40
TRGIX603EC-BLK-7.5M	750	7.5	24.61
TRGIX603EC-BLK-10M	1000	10	32.81

RJ45 CAT6a  
SHIELDED PLUG



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

## 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

RATING: NEC(UL)CMR/CMG

1. NOMINAL VOLTAGE: 50 V AC/ 60 V DC
2. IX CONNECTORS CONFORM TO IEC STANDARD 61076-3-124
3. THIS PRODUCT (TYPE A) IS DEFINED FOR 10/100 MBIT/S AND 1/10 GBIT/S ETHERNET COMMUNICATION.
4. RJ45 CONTACTS: 50um GOLD PLATED
5. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
6. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM PACKAGING SPECIFICATION PS-0031.

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

TOLERANCES:  
X =  $\pm 0.2$  [5]  
XX =  $\pm 0.02$  [0.5]  
XXX =  $\pm .005$  [0.13]  
FRACTIONS  
 $\pm 1/32$   
ANGLES  $\pm 1^\circ$

CABLE LENGTH TOLERANCES:  
 $\leq 12$  [305] =  $\pm 1$  [25] / -0  
 $> 12$  [305]  $\leq 60$  [1524] =  $\pm 2$  [51] / -0  
 $> 60$  [1524]  $\leq 120$  [3048] =  $\pm 4$  [102] / -0  
 $> 120$  [3048]  $\leq 300$  [7620] =  $\pm 6$  [152] / -0  
 $> 300$  [7620] =  $\pm 5\%$  / -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 SHEET  
NONE 1 OF 1

DESCRIPTION  
IXA-RJ45P, CAT6a F/UTP CMR/CMG PVC BLK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	BPUCHASKI	TRGIX603EC-BLK	B