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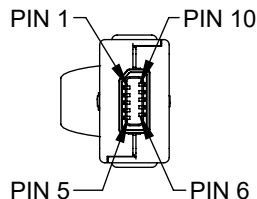
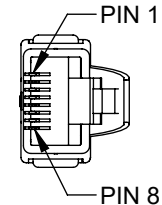
PIN ASSIGNMENT

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

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

REVISION

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

IX INDUSTRIAL
TYPE A PLUGRJ45 CAT6a
SHIELDED 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

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

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:

	FRACTIONS
X = ±.2 [5]	± 1/32
.XX = ±.02 [0.5]	± 1/64
.XXX = ±.005 [0.13]	± 1/128

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	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

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