

6

5

4

3

2

1

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

REVISION

ZONE REV

DESCRIPTION

DATE

CHANGED BY

APPROVED

A

INITIAL RELEASE

01/09/2024

DZINN

GUTTADAURO

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 OD: .265 NOM, .275 MAX.

PIN 5
PIN 1
PIN 6
PIN 10

LENGTH

IX INDUSTRIAL
TYPE A PLUG
RA DOWN

.22
[5.7]

C6A SHLD KSJACK
RJ45/TL PoE+
SEE NOTE 7



RJ45 (8P8C) JACK
NOT SHOWN

NOTES:

CABLE CHARACTERISTICS:

TEMPERATURE RATING: -20°C TO +75°C

VOLTAGE RATING: 300 V

SHIELDED FLEXIBLE PATCH/JUMPER CABLE SUPPORTS SCREENED 568-D.2 CAT 6A APPLICATIONS.

RATINGS: FLAME: VW-1, CORROSIVE GAS: IEC 60754-2, SMOKE: IEC 61034-1&2.

NEC (ETL) CMX, CEC C(ETL) CMX.

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. PLEASE USE TYPE B FOR ALL OTHER NON ETHERNET APPLICATIONS LIKE SIGNALING, SERIAL OR OTHER INDUSTRIAL BUS COMMUNICATION SYSTEMS.
4. RJ45 CONTACTS: 50µm GOLD PLATED.
5. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
6. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IAW L-COM PACKAGING SPECIFICATION PS-0031.
7. RJ45 ORIENTATION SHOWN FOR REF ONLY.

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LC LG Rev-D4 Asize

CABLE ASSY LENGTH

ITEM NO.	METER	FEET
TRGIX617LZ-BLK-1M	1	3.28
TRGIX617LZ-BLK-3M	3	9.84

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

TOLERANCES:

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

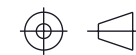
CABLE LENGTH TOLERANCES:

≤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 SHEET
NONE 1 OF 1

DESCRIPTION

RADIXA-RJ45J, CAT6A SF/UTP CMX LSZH TPE BLACK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DZINN	TRGIX617LZ-BLK	A