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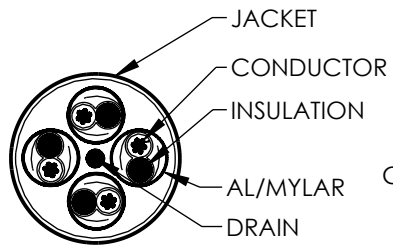
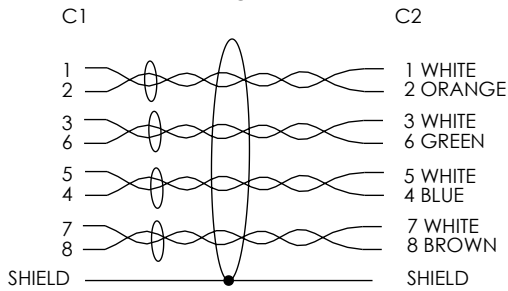
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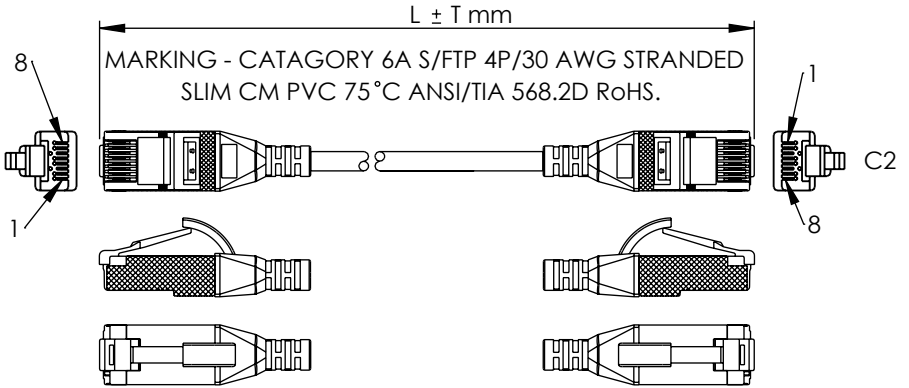
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| REVISION | | | | | |
|----------|-----|-----------------|------------|------------|------------|
| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
| | A | INITIAL RELEASE | 03/20/2023 | PSRINIVAS | GUTTADAURO |

WIRING MAP



CABLE CROSS SECTION



NOTES:-

OVERVIEW:

Bandwidth : 500 MHz
 O.D. : 4.5 mm
 CONDUCTOR : 30 AWG
 Approvals : RoHS
 Connector : 50 U" gold plated RJ45 connector

PHYSICAL Characteristics:

Cable Type - Cat6A S/FTP
 Connector Type(s) - RJ45
 Wiring Scheme - T568B
 Temperature Rating
 Installation : 0 Deg. C to 50 Deg. C
 Operation : -20 Deg. C to 60 Deg. C
 Voltage rating - 30V

Conductor (Qty. 4 twisted pair):

Conductor Type - 30 AWG (7/0.10 ± 0.008 mm),
 Stranded Bare Copper
 Insulation - FMPE
 Diameter - 0.75 ± 0.05 mm
 Pair Identification:
 Pair 1 = Orange, Orange-White
 Pair 2 = Blue, Blue-White
 Pair 3 = Green, Green-White
 Pair 4 = Brown, Brown-White

Connector Type (Qty.2):

Connector Type - 8P8C (RJ45)
 Gender - Male
 Connector Material - PC
 Contact Material - Copper Alloy, Gold Plating 50 U"
 Hood Material - PVC

Overall Cable :

Jacket - CM PVC
 Minimum Average Thickness - 0.60 mm
 Outer Diameter - 4.5 ± 0.15 mm

Electrical Characteristics:

Conductor DC Resistance - 60.10 Ω / 100 m (maximum)
 Impedance - 100 Ω
 Capacitance - 5600 pf/100m
 Propagation Delay - 545ns/100m (Maximum)
 Delay Skew - 45ns/100m (Maximum)
 Pass Fluke DSX 8000 ISO Patch Cord Test

REGULATORY COMPLIANCE:
 EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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

TOLERANCES:

| | |
|----------------------|-------------|
| .X = ±.2 [.5] | FRACTIONS |
| .XX = ±.02 [.5] | ± 1/32 |
| .XXX = ±.005 [.13] | ANGLES ± 1° |

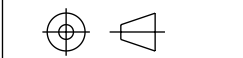
CABLE LENGTH TOLERANCES:

| | |
|-------------|------------------------------|
| ≤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.



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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5
 SCALE NONE SHEET 1 OF 2

DESCRIPTION
 Category 6a 10gig Component Tested Slim Ethernet Patch Cable,
 S/FTP Double Shielded, 30AWG, RJ45 Male Plug, CM PVC, Blue,
 25FT

| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
|------|-----------|-----------|-------------------|-----|
| A | 43321 | PSRINIVAS | TRD630ADS-BLU-25F | A |

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| REVISION | | | | | |
|----------|-----|-----------------|------------|------------|------------|
| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
| | A | INITIAL RELEASE | 03/20/2023 | PSRINIVAS | GUTTADAURO |

| PART NUMBER | CABLE COLOUR | LENGTH FEET [METERS] | TOLERANCE INCH [mm] | PART NUMBER | CABLE COLOUR | LENGTH FEET [METERS] | TOLERANCE INCH [mm] |
|-------------------|--------------|----------------------|-------------------------------|-------------------|--------------|----------------------|-------------------------------|
| TRD630ADS-BLK-1F | BLACK | 1 [0.30] | + 1.37 [35] / - 0.59 [15] | TRD630ADS-BLU-1F | BLUE | 1 [0.30] | + 1.37 [35] / - 0.59 [15] |
| TRD630ADS-BLK-2F | BLACK | 2 [0.61] | + 1.37 [35] / - 0.59 [15] | TRD630ADS-BLU-2F | BLUE | 2 [0.61] | + 1.37 [35] / - 0.59 [15] |
| TRD630ADS-BLK-3F | BLACK | 3 [0.91] | + 1.37 [35] / - 0.59 [15] | TRD630ADS-BLU-3F | BLUE | 3 [0.91] | + 1.37 [35] / - 0.59 [15] |
| TRD630ADS-BLK-5F | BLACK | 5 [1.52] | + 1.37 [35] / - 0.79 [20] | TRD630ADS-BLU-5F | BLUE | 5 [1.52] | + 1.37 [35] / - 0.79 [20] |
| TRD630ADS-BLK-7F | BLACK | 7 [2.13] | + 1.37 [35] / - 1.18 [30] | TRD630ADS-BLU-7F | BLUE | 7 [2.13] | + 1.37 [35] / - 1.18 [30] |
| TRD630ADS-BLK-10F | BLACK | 10 [3.05] | + 1.37 [35] / - 1.18 [30] | TRD630ADS-BLU-10F | BLUE | 10 [3.05] | + 1.37 [35] / - 1.18 [30] |
| TRD630ADS-BLK-15F | BLACK | 15 [4.57] | + 1.37 [35] / - 1.18 [30] | TRD630ADS-BLU-15F | BLUE | 15 [4.57] | + 1.37 [35] / - 1.18 [30] |
| TRD630ADS-BLK-20F | BLACK | 20 [6.10] | ± 2.36 [60] | TRD630ADS-BLU-20F | BLUE | 20 [6.10] | ± 2.36 [60] |
| TRD630ADS-BLK-25F | BLACK | 25 [7.62] | ± 2.36 [60] | TRD630ADS-BLU-25F | BLUE | 25 [7.62] | ± 2.36 [60] |

| PART NUMBER | CABLE COLOUR | LENGTH FEET [METERS] | TOLERANCE INCH [mm] |
|-------------------|--------------|----------------------|-------------------------------|
| TRD630ADS-GRN-1F | GREEN | 1 [0.30] | + 1.37 [35] / - 0.59 [15] |
| TRD630ADS-GRN-2F | GREEN | 2 [0.61] | + 1.37 [35] / - 0.59 [15] |
| TRD630ADS-GRN-3F | GREEN | 3 [0.91] | + 1.37 [35] / - 0.59 [15] |
| TRD630ADS-GRN-5F | GREEN | 5 [1.52] | + 1.37 [35] / - 0.79 [20] |
| TRD630ADS-GRN-7F | GREEN | 7 [2.13] | + 1.37 [35] / - 1.18 [30] |
| TRD630ADS-GRN-10F | GREEN | 10 [3.05] | + 1.37 [35] / - 1.18 [30] |
| TRD630ADS-GRN-15F | GREEN | 15 [4.57] | + 1.37 [35] / - 1.18 [30] |
| TRD630ADS-GRN-20F | GREEN | 20 [6.10] | ± 2.36 [60] |
| TRD630ADS-GRN-25F | GREEN | 25 [7.62] | ± 2.36 [60] |

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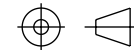
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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE

NONE

SHEET

2 OF 2

DESCRIPTION

Category 6a 10gig Component Tested Slim Ethernet Patch Cable, S/FTP Double Shielded, 30AWG, RJ45 Male Plug, CM PVC, Blue, 25FT

SIZE

A

CAGE CODE

43321

DRAWN BY

PSRINIVAS

ITEM NO.

TRD630ADS-BLU-25F

REV

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