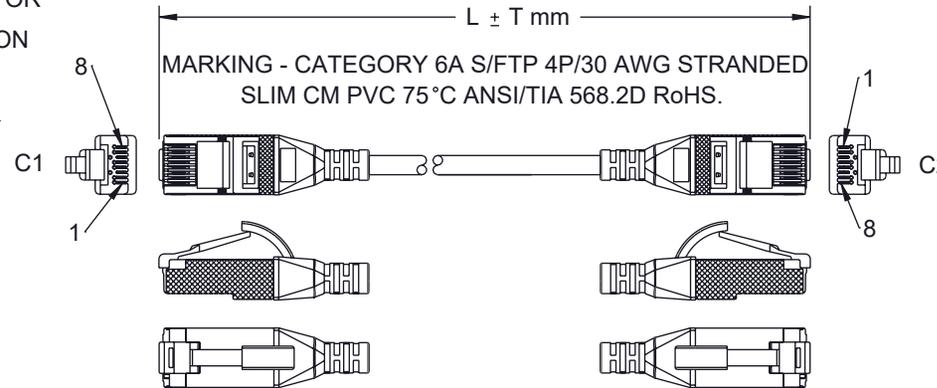
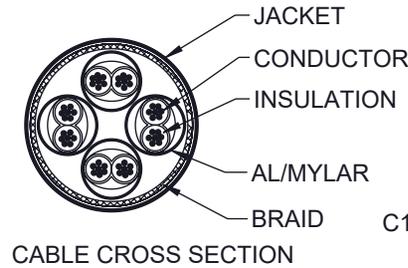
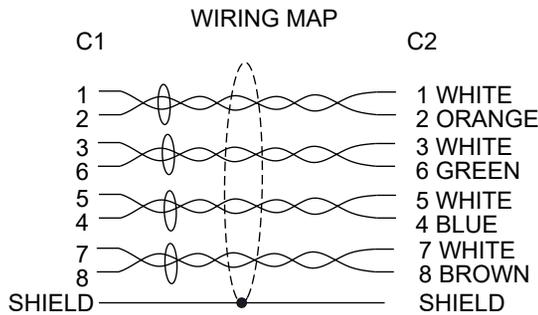


| REVISION | | | | | |
|----------|-----|-----------------------|------------|------------|------------|
| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
| | B | UPDATED PER ECO-13842 | 09/17/2024 | HBAKKE | GUTTADAURO |



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)

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| | |
|---|------------------|
| UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS | |
| TOLERANCES: | |
| X = ±.2 [5] | FRACTIONS ± 1/32 |
| .XX = ±.02 [0.5] | ANGLES ± 1° |
| .XXX = ±.005 [0.13] | |
| 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 | |

| | | | |
|---|-----------|--|------------------|
| L-com an INFINIT® brand | | INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 | |
| Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936 | | SCALE | SHEET |
| | | NONE | 1 OF 2 |
| DESCRIPTION | | | |
| Category 6a 10gig Component Tested Slim Ethernet Patch Cable, S/FTP Double Shielded, 30AWG, RJ45 Male Plug, CM PVC, Blue, 2FT | | | |
| SIZE | CAGE CODE | DRAWN BY | ITEM NO. |
| A | 43321 | PSRINIVAS | TRD630ADS-BLU-2F |
| | | | REV |
| | | | B |

6

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F

F

| 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] |

E

E

D

D

| 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] |

C

C

B

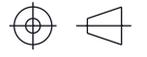
B

A

A

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|  an INFINIT® brand Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936 | | |  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, 2FT | | | | |
| SIZE A | CAGE CODE 43321 | DRAWN BY PSRINIVAS | ITEM NO. TRD630ADS-BLU-2F | REV B |

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