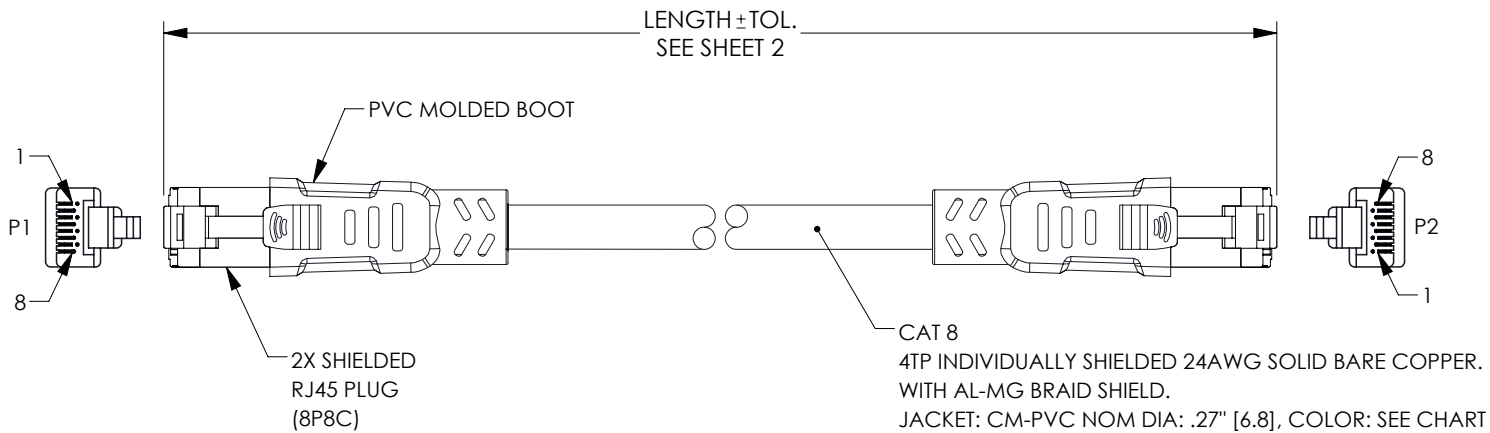


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/18/22	GUTTADAURO



NOTES:

PHYSICAL CHARACTERISTICS:

- CABLE TYPE: CAT8 S/FTP
- TEMPERATURE RATING:
 - INSTALLATION: 0°C~50°C
 - OPERATION: -20°C~60°C
- VOLTAGE RATING: 30V

MECHANICAL CHARACTERISTICS:

- CONTACT MATERIAL: COPPER ALLOY, 50U" GOLD PLATING

ELECTRICAL CHARACTERISTICS:

- CONDUCTOR DC RESISTANCE: 9.52Ω/100M (MAXIMUM)
- IMPEDANCE: 100Ω
- CAPACITANCE: 5600PF/100M
- PROPAGATION DELAY: 545NS/100M (MAXIMUM)
- DELAY SKEW: 45NS/100M (MAXIMUM)
- PASS FLUKE DSX 8000 TEST
- BANDWIDTH: 2000MHZ

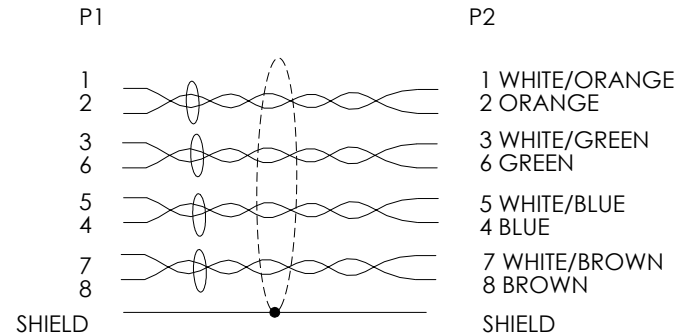
MISCELLANEOUS:


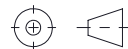
- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY TO BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

WIRING MAP




UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤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 OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [5] ANGLES ± 1° .XXX = ± .005 [1.3]	APPROVALS	DATE	 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936	
	DRAWN BY VTHANGARAJ	02/18/22		CATEGORY TELECOM/MODULAR
	CHECKED BY DFRISIELLO	02/18/22		
	APPROVED BY	02/18/22		
THIRD-ANGLE PROJECTION	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	PRODUCT DESCRIPTION Category 8 25 to 40Gig Ethernet Cable Assembly	SCALE: NONE CAD FILE: TRD824.SLDDRW	
	COLOR VARIATIONS MAY OCCUR	SIZE A CAGE CODE 43321 DWG. NO. TRD824	REV. A	

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PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]	PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]
TRD824-BLK-05F	BLACK	0.5 [0.15]	+1.38/- .59 [+35/-15]	TRD824-BLU-05F	BLUE	0.5 [0.15]	+1.38/- .59 [+35/-15]
TRD824-BLK-1F	BLACK	1.0 [0.30]	+1.38/- .59 [+35/-15]	TRD824-BLU-1F	BLUE	1.0 [0.30]	+1.38/- .59 [+35/-15]
TRD824-BLK-2F	BLACK	2.0 [0.60]	+1.38/- .59 [+35/-15]	TRD824-BLU-2F	BLUE	2.0 [0.60]	+1.38/- .59 [+35/-15]
TRD824-BLK-3F	BLACK	3.0 [0.91]	+1.38/- .59 [+35/-15]	TRD824-BLU-3F	BLUE	3.0 [0.91]	+1.38/- .59 [+35/-15]
TRD824-BLK-5F	BLACK	5.0 [1.52]	+1.38/- .79 [+35/-20]	TRD824-BLU-5F	BLUE	5.0 [1.52]	+1.38/- .79 [+35/-20]
TRD824-BLK-7F	BLACK	7.0 [2.13]	+1.38/-1.18 [+35/-30]	TRD824-BLU-7F	BLUE	7.0 [2.13]	+1.38/-1.18 [+35/-30]
TRD824-BLK-10F	BLACK	10.0 [3.04]	+1.38/-1.18 [+35/-30]	TRD824-BLU-10F	BLUE	10.0 [3.04]	+1.38/-1.18 [+35/-30]
TRD824-BLK-15F	BLACK	15.0 [4.57]	+1.38/-1.18 [+35/-30]	TRD824-BLU-15F	BLUE	15.0 [4.57]	+1.38/-1.18 [+35/-30]
TRD824-BLK-20F	BLACK	20.0 [6.09]	± 2.36[60]	TRD824-BLU-20F	BLUE	20.0 [6.09]	± 2.36[60]
TRD824-BLK-25F	BLACK	25.0 [7.62]	± 2.36[60]	TRD824-BLU-25F	BLUE	25.0 [7.62]	± 2.36[60]
TRD824-BLK-30F	BLACK	30.0 [9.14]	± 2.36[60]	TRD824-BLU-30F	BLUE	30.0 [9.14]	± 2.36[60]
TRD824-BLK-40F	BLACK	40.0 [12.19]	± 3.15 [80]	TRD824-BLU-40F	BLUE	40.0 [12.19]	± 3.15 [80]
TRD824-BLK-50F	BLACK	50.0 [15.24]	± 3.15 [80]	TRD824-BLU-50F	BLUE	50.0 [15.24]	± 3.15 [80]
TRD824-BLK-65F	BLACK	65.0 [19.81]	± 3.15 [80]	TRD824-BLU-65F	BLUE	65.0 [19.81]	± 3.15 [80]

PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]	PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]
TRD824-GRN-05F	GREEN	0.5 [0.15]	+1.38/- .59 [+35/-15]	TRD824-RED-05F	RED	0.5 [0.15]	+1.38/- .59 [+35/-15]
TRD824-GRN-1F	GREEN	1.0 [0.30]	+1.38/- .59 [+35/-15]	TRD824-RED-1F	RED	1.0 [0.30]	+1.38/- .59 [+35/-15]
TRD824-GRN-2F	GREEN	2.0 [0.60]	+1.38/- .59 [+35/-15]	TRD824-RED-2F	RED	2.0 [0.60]	+1.38/- .59 [+35/-15]
TRD824-GRN-3F	GREEN	3.0 [0.91]	+1.38/- .59 [+35/-15]	TRD824-RED-3F	RED	3.0 [0.91]	+1.38/- .59 [+35/-15]
TRD824-GRN-5F	GREEN	5.0 [1.52]	+1.38/- .79 [+35/-20]	TRD824-RED-5F	RED	5.0 [1.52]	+1.38/- .79 [+35/-20]
TRD824-GRN-7F	GREEN	7.0 [2.13]	+1.38/-1.18 [+35/-30]	TRD824-RED-7F	RED	7.0 [2.13]	+1.38/-1.18 [+35/-30]
TRD824-GRN-10F	GREEN	10.0 [3.04]	+1.38/-1.18 [+35/-30]	TRD824-RED-10F	RED	10.0 [3.04]	+1.38/-1.18 [+35/-30]
TRD824-GRN-15F	GREEN	15.0 [4.57]	+1.38/-1.18 [+35/-30]	TRD824-RED-15F	RED	15.0 [4.57]	+1.38/-1.18 [+35/-30]
TRD824-GRN-20F	GREEN	20.0 [6.09]	± 2.36[60]	TRD824-RED-20F	RED	20.0 [6.09]	± 2.36[60]
TRD824-GRN-25F	GREEN	25.0 [7.62]	± 2.36[60]	TRD824-RED-25F	RED	25.0 [7.62]	± 2.36[60]
TRD824-GRN-30F	GREEN	30.0 [9.14]	± 2.36[60]	TRD824-RED-30F	RED	30.0 [9.14]	± 2.36[60]
TRD824-GRN-40F	GREEN	40.0 [12.19]	± 3.15 [80]	TRD824-RED-40F	RED	40.0 [12.19]	± 3.15 [80]
TRD824-GRN-50F	GREEN	50.0 [15.24]	± 3.15 [80]	TRD824-RED-50F	RED	50.0 [15.24]	± 3.15 [80]
TRD824-GRN-65F	GREEN	65.0 [19.81]	± 3.15 [80]	TRD824-RED-65F	RED	65.0 [19.81]	± 3.15 [80]



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1.978.682.6936

CATEGORY: TELECOM/MODULAR

PRODUCT DESCRIPTION: Category 8 25 to 40gig Ethernet Cable Assembly

SIZE A	CAGE CODE 43321	ITEM NO. TRD824	REV. A
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SCALE: NONE | CAD FILE: TRD824.SLDDRW | SHEET 2 OF 2