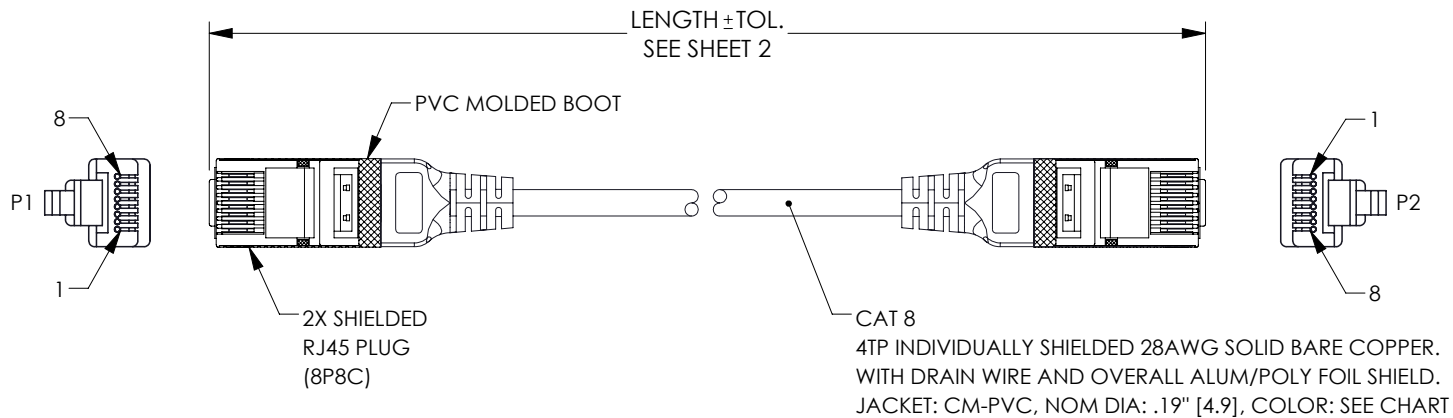


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/23/22	GUTTADAURO



NOTES:

PHYSICAL CHARACTERISTICS:

- CABLE TYPE: CAT8 F/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: 9.53Ω/100M (MAXIMUM)
- IMPEDANCE: 100Ω
- CAPACITANCE: 5600PF/100M
- PROPAGATION DELAY: 545NS/100M (MAXIMUM)
- DELAY SKEW: 45NS/100M (MAXIMUM)
- PASS FLUKE DSX 8000 CHANNEL TEST (5%TEST)
- BANDWIDTH: 2000MHZ

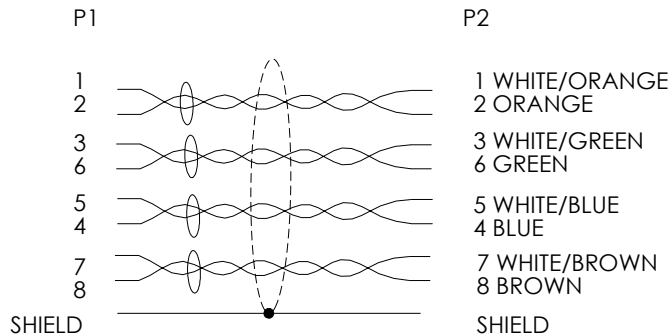
MISCELLANEOUS:

- 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] .XX = ± .02 [.5] .XXX = ± .005 [.13] FRACTIONS ± 1/32 ANGLES ± 1° THIRD-ANGLE PROJECTION 	APPROVALS	DATE	 an INFINITI brand 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
	DRAWN BY VITHANGARAJ	02/23/22	
	CHECKED BY DFRISIELLO	02/23/22	
	APPROVED BY GUTTADAURO	02/23/22	
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	CATEGORY TELECOM/MODULAR		PRODUCT DESCRIPTION Category 8 25 to 40gig Flat Ethernet Cable Assembly
COLOR VARIATIONS MAY OCCUR	SIZE A	CAGE CODE 43321	
	SCALE: NONE	CAD FILE: TRD828.SLDDRW	
		DWG. NO. TRD828	
			REV. A
			SHEET 1 OF 2

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PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]
TRD828-BLU-05F	BLUE	0.5 [0.15]	+1.38/-.59 [+35/-15]
TRD828-BLU-1F	BLUE	1.0 [0.30]	+1.38/-.59 [+35/-15]
TRD828-BLU-3F	BLUE	3.0 [0.91]	+1.38/-.59 [+35/-15]
TRD828-BLU-5F	BLUE	5.0 [1.52]	+1.38/-.79 [+35/-20]
TRD828-BLU-7F	BLUE	7.0 [2.13]	+1.38/-1.18 [+35/-30]
TRD828-BLU-10F	BLUE	10.0 [3.04]	+1.38/-1.18 [+35/-30]
TRD828-BLU-15F	BLUE	15.0 [4.57]	+1.38/-1.18 [+35/-30]
TRD828-BLU-20F	BLUE	20.0 [6.09]	± 2.36[60]



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North Andover, MA 01845 USA.
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1.978.682.6936

CATEGORY			
TELECOM/MODULAR			
PRODUCT DESCRIPTION			
Category 8 25 to 40gig Flat Ethernet Cable Assembly			
SIZE	CAGE CODE	ITEM NO.	REV.
A	43321	TRD828	A
SCALE: NONE		CAD FILE: TRD828.SLDDRW	SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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[TRD828-BLU-20F](#) [TRD828-BLU-10F](#) [TRD828-BLU-7F](#) [TRD828-BLU-5F](#) [TRD828-BLU-05F](#) [TRD828-BLU-1F](#)
[TRD828-BLU-3F](#) [TRD828-BLU-15F](#)