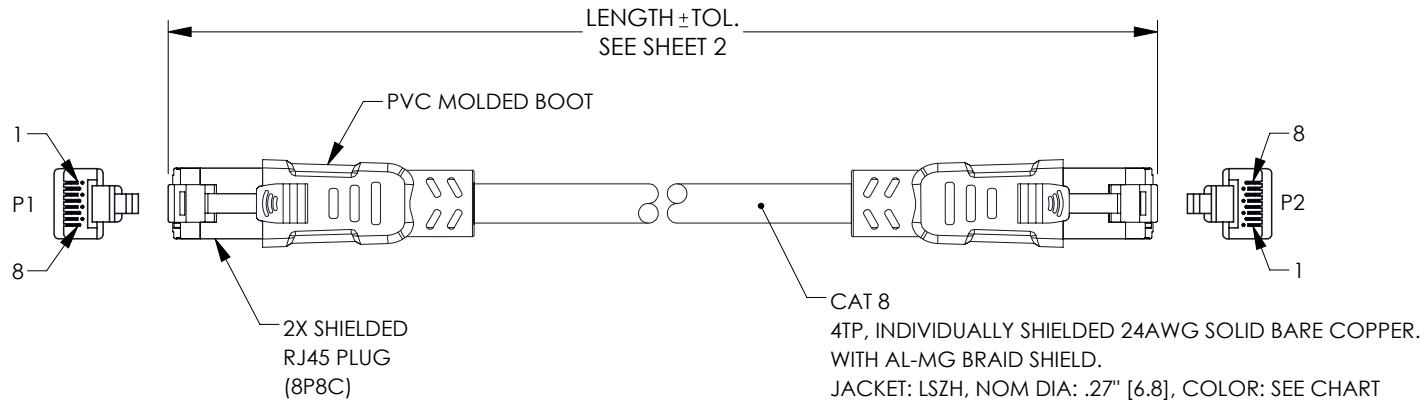


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/18/22	GUTTADAURO



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

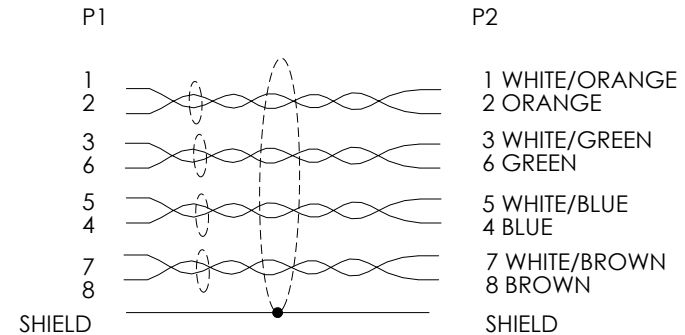
MISCELLANEOUS:

- 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]		APPROVALS		DATE		 an INFINITI brand 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936	
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		DRAWN BY VITHANGARAJ		02/18/22			
		CHECKED BY DFRISIELLO		02/18/22			
		APPROVED BY GUITADAURO		02/18/22			
				CATEGORY		TELECOM/MODULAR	
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] .XX = ± .02 [.5] .XXX = ± .005 [.13]		CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		PRODUCT DESCRIPTION Category 8 25 to 40gig Ethernet Cable Assembly			
THIRD-ANGLE PROJECTION 		COLOR VARIATIONS MAY OCCUR		SIZE A		CAGE CODE 43321	
				DWG. NO. TRD824Z		REV. A	
				SCALE: NONE		CAD FILE: TRD824Z.SLDDRW	
						SHEET 1 OF 2	

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PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]	PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]
TRD824Z-BLK-05F	BLACK	0.5 [0.15]	+1.38/-.59 [+35/-15]	TRD824Z-BLU-05F	BLUE	0.5 [0.15]	+1.38/-.59 [+35/-15]
TRD824Z-BLK-1F	BLACK	1.0 [0.30]	+1.38/-.59 [+35/-15]	TRD824Z-BLU-1F	BLUE	1.0 [0.30]	+1.38/-.59 [+35/-15]
TRD824Z-BLK-2F	BLACK	2.0 [0.60]	+1.38/-.59 [+35/-15]	TRD824Z-BLU-2F	BLUE	2.0 [0.60]	+1.38/-.59 [+35/-15]
TRD824Z-BLK-3F	BLACK	3.0 [0.91]	+1.38/-.59 [+35/-15]	TRD824Z-BLU-3F	BLUE	3.0 [0.91]	+1.38/-.59 [+35/-15]
TRD824Z-BLK-5F	BLACK	5.0 [1.52]	+1.38/-.79 [+35/-20]	TRD824Z-BLU-5F	BLUE	5.0 [1.52]	+1.38/-.79 [+35/-20]
TRD824Z-BLK-7F	BLACK	7.0 [2.13]	+1.38/-1.18 [+35/-30]	TRD824Z-BLU-7F	BLUE	7.0 [2.13]	+1.38/-1.18 [+35/-30]
TRD824Z-BLK-10F	BLACK	10.0 [3.04]	+1.38/-1.18 [+35/-30]	TRD824Z-BLU-10F	BLUE	10.0 [3.04]	+1.38/-1.18 [+35/-30]
TRD824Z-BLK-15F	BLACK	15.0 [4.57]	+1.38/-1.18 [+35/-30]	TRD824Z-BLU-15F	BLUE	15.0 [4.57]	+1.38/-1.18 [+35/-30]
TRD824Z-BLK-20F	BLACK	20.0 [6.09]	± 2.36[60]	TRD824Z-BLU-20F	BLUE	20.0 [6.09]	± 2.36[60]
TRD824Z-BLK-25F	BLACK	25.0 [7.62]	± 2.36[60]	TRD824Z-BLU-25F	BLUE	25.0 [7.62]	± 2.36[60]
TRD824Z-BLK-30F	BLACK	30.0 [9.14]	± 2.36[60]	TRD824Z-BLU-30F	BLUE	30.0 [9.14]	± 2.36[60]
TRD824Z-BLK-40F	BLACK	40.0 [12.19]	± 3.15 [80]	TRD824Z-BLU-40F	BLUE	40.0 [12.19]	± 3.15 [80]
TRD824Z-BLK-50F	BLACK	50.0 [15.24]	± 3.15 [80]	TRD824Z-BLU-50F	BLUE	50.0 [15.24]	± 3.15 [80]
TRD824Z-BLK-65F	BLACK	65.0 [19.81]	± 3.15 [80]	TRD824Z-BLU-65F	BLUE	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.

TRD824Z

REV.

A

SCALE: NONE

CAD FILE: TRD824Z.SLDDRW

SHEET 2 OF 2

Mouser Electronics

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