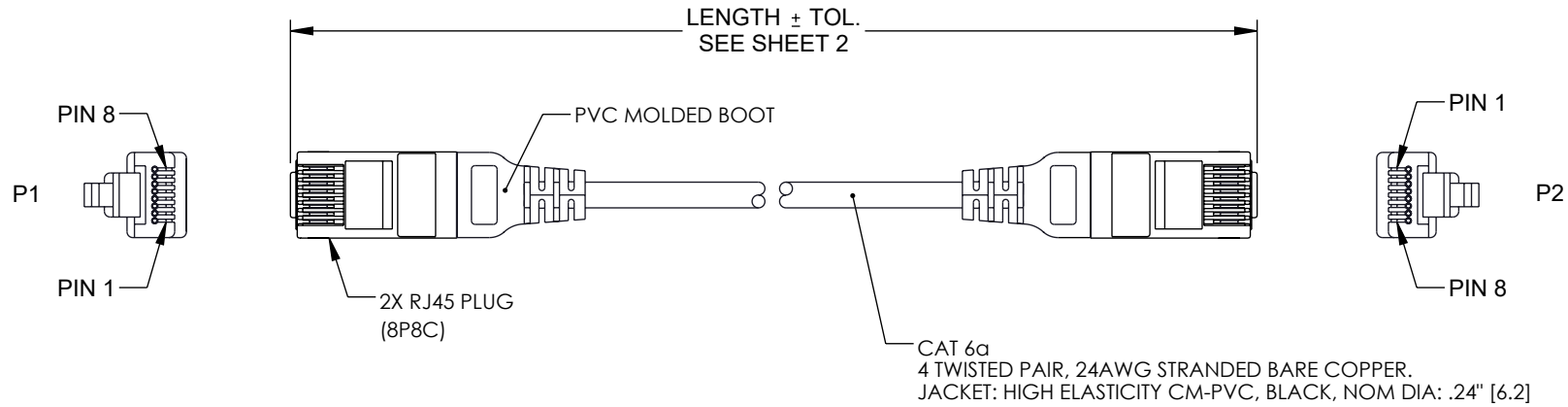


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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-12885	08/04/2023	DMAY	GUTTADAURO



NOTES:

PHYSICAL CHARACTERISTICS:

- CABLE TYPE: CAT6a UTP
- 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: 9.58Ω/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: 500MHZ

MISCELLANEOUS:

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY TO BE INDIVIDUALLY PACKAGED.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

WIRING MAP

P1		P2
1		1 WHITE/ORANGE
2		2 ORANGE
3		3 WHITE/GREEN
6		6 GREEN
5		5 WHITE/BLUE
4		4 BLUE
7		7 WHITE/BROWN
8		8 BROWN

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 .XX = ± .02 [.5] ± 1/32 .XXX = ± .005 [.13] 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 DFRISIELLO	03/02/2022		CATEGORY TELECOM/MODULAR
	CHECKED BY DGUST	03/02/2022		
	APPROVED BY GUTTADAURO	03/02/2022		
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY COLOR VARIATIONS MAY OCCUR	PRODUCT DESCRIPTION C6a TangleFree Flexible UTP 24AWG CM PVC		REV. B	
	SIZE A	CAGE CODE 43321		ITEM NO. TRD624AUF
	SCALE: NONE			
CAD FILE: TRD624AUF.SLDDRW		SHEET 1 OF 2		

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PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]
TRD624AUF-BLK-05F	BLACK	0.5 [0.15]	+1.38/-.59 [+35/-15]
TRD624AUF-BLK-1F	BLACK	1.0 [0.30]	+1.38/-.59 [+35/-15]
TRD624AUF-BLK-2F	BLACK	2.0 [0.61]	+1.38/-.59 [+35/-15]
TRD624AUF-BLK-3F	BLACK	3.0 [0.91]	+1.38/-.59 [+35/-15]
TRD624AUF-BLK-5F	BLACK	5.0 [1.52]	+1.38/-.79 [+35/-20]
TRD624AUF-BLK-7F	BLACK	7.0 [2.13]	+1.38/-1.18 [+35/-30]
TRD624AUF-BLK-10F	BLACK	10.0 [3.04]	+1.38/-1.18 [+35/-30]
TRD624AUF-BLK-15F	BLACK	15.0 [4.57]	+1.38/-1.18 [+35/-30]
TRD624AUF-BLK-20F	BLACK	20.0 [6.09]	± 2.36 [60]
TRD624AUF-BLK-25F	BLACK	25.0 [7.62]	± 2.36 [60]
TRD624AUF-BLK-30F	BLACK	30.0 [9.14]	± 2.36 [60]
TRD624AUF-BLK-40F	BLACK	40.0 [12.19]	± 3.15 [80]
TRD624AUF-BLK-50F	BLACK	50.0 [15.24]	± 3.15 [80]
TRD624AUF-BLK-65F	BLACK	65.0 [19.81]	± 3.15 [80]

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CATEGORY			
TELECOM/MODULAR			
PRODUCT DESCRIPTION			
C6a TangleFree Flexible UTP 24AWG CM PVC			
SIZE A	CAGE CODE 43321	ITEM NO. TRD624AUF	REV. B
SCALE: NONE		CAD FILE: TRD624AUF.SLDDRW	SHEET 2 OF 2