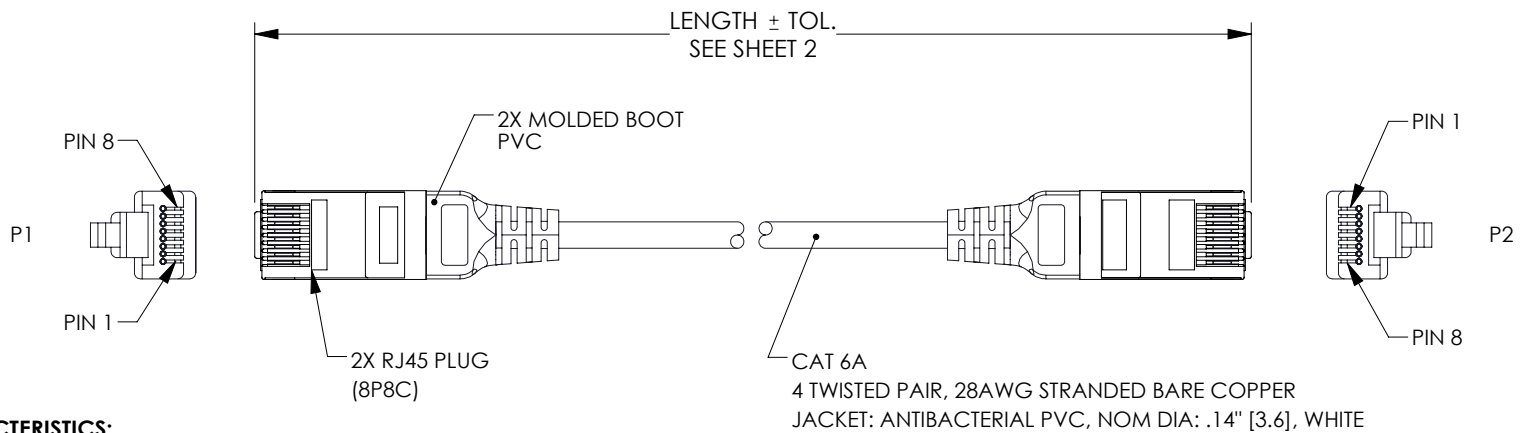


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/07/2022	GUTTADAURO



- NOTES:**
- PHYSICAL CHARACTERISTICS:**
- CABLE TYPE: CAT6A UTP
 - TEMPERATURE RATING:
 - INSTALLATION: 0°C~50°C
 - OPERATION: -20°C~60°C
 - VOLTAGE RATING: 30V

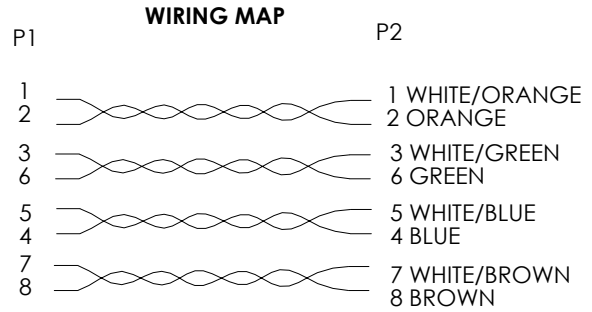
- MECHANICAL CHARACTERISTICS:**
- CONNECTOR MATERIAL: ANTIBACTERIAL NYLON
 - HOOD MATERIAL: MOLDED ANTIBACTERIAL PVC
 - CONTACT MATERIAL: COPPER ALLOY, 50U" GOLD PLATING


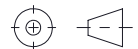
- ELECTRICAL CHARACTERISTICS:**
- CONDUCTOR DC RESISTANCE: 24.2Ω/100M (MAXIMUM)
 - IMPEDANCE: 100Ω
 - CAPACITANCE: 5600PF/100M
 - PROPAGATION DELAY: 545NS/100M (MAXIMUM)
 - DELAY SKEW: 45NS/100M (MAXIMUM)
 - PASS FLUKE DSX 8000 CHANNEL TEST (5%TEST)
 - BANDWIDTH: 500MHz

- ANTIBACTERIAL ACTIVITY:**
- TEST METHOD:** ISO 22196:2011 MEASUREMENT OF ANTIBACTERIAL ACTIVITY ON PLASTICS AND OTHER NON-POROUS SURFACES.
- TEST ORGANISM:** ESCHERICHIA COLI ATCC 8738
STAPHYLOCOCCUS AUREUS ATCC 6538P
- ANTIBACTERIAL ACTIVITY RATE:** ESCHERICHIA COLI > 99.9%
STAPHYLOCOCCUS AUREUS > 99.9%

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


REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]	APPROVALS	DATE	 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936
	DRAWN BY DFRISIELLO	03/07/2022	
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	CHECKED BY DGUST	03/07/2022	CATEGORY
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [5] ANGLES ± 1° .XXX = ± .005 [1.3]	APPROVED BY GUTTADAURO	03/07/2022	TELECOM/MODULAR
THIRD-ANGLE PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	PRODUCT DESCRIPTION	
	COLOR VARIATIONS MAY OCCUR	C6a Slim Antibacterial UTP 28AWG CM PVC	
	SIZE A	CAGE CODE 43321	ITEM NO. TRM628A
	SCALE: NONE	CAD FILE: TRM628A.SLDDRW	SHEET 1 OF 2

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PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]
TRM628A-WHT-05F	WHITE	0.5 [0.15]	+1.38/-.59 [+35/-15]
TRM628A-WHT-1F	WHITE	1.0 [0.30]	+1.38/-.59 [+35/-15]
TRM628A-WHT-3F	WHITE	3.0 [0.91]	+1.38/-.59 [+35/-15]
TRM628A-WHT-5F	WHITE	5.0 [1.52]	+1.38/-.79 [+35/-20]
TRM628A-WHT-7F	WHITE	7.0 [2.13]	+1.38/-1.18 [+35/-30]
TRM628A-WHT-10F	WHITE	10.0 [3.04]	+1.38/-1.18 [+35/-30]
TRM628A-WHT-15F	WHITE	15.0 [4.57]	+1.38/-1.18 [+35/-30]
TRM628A-WHT-25F	WHITE	25.0 [7.62]	± 2.36 [60]
TRM628A-WHT-30F	WHITE	30.0 [9.15]	± 2.36 [60]
TRM628A-WHT-40F	WHITE	40.0 [12.20]	± 3.15 [80]
TRM628A-WHT-50F	WHITE	50.0 [15.24]	± 3.15 [80]
TRM628A-WHT-65F	WHITE	65.0 [19.81]	± 3.15 [80]
TRM628A-WHT-75F	WHITE	75.0 [22.86]	± 3.15 [80]
TRM628A-WHT-100F	WHITE	100.0 [30.48]	± 3.15 [80]

		50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936	
CATEGORY TELECOM/MODULAR			
PRODUCT DESCRIPTION C6a Slim Antibacterial UTP 28AWG CM PVC			
SIZE A	CAGE CODE 43321	ITEM NO. TRM628A	REV. A
SCALE: NONE		CAD FILE: TRM628A.SLDDRW	
			SHEET 2 OF 2