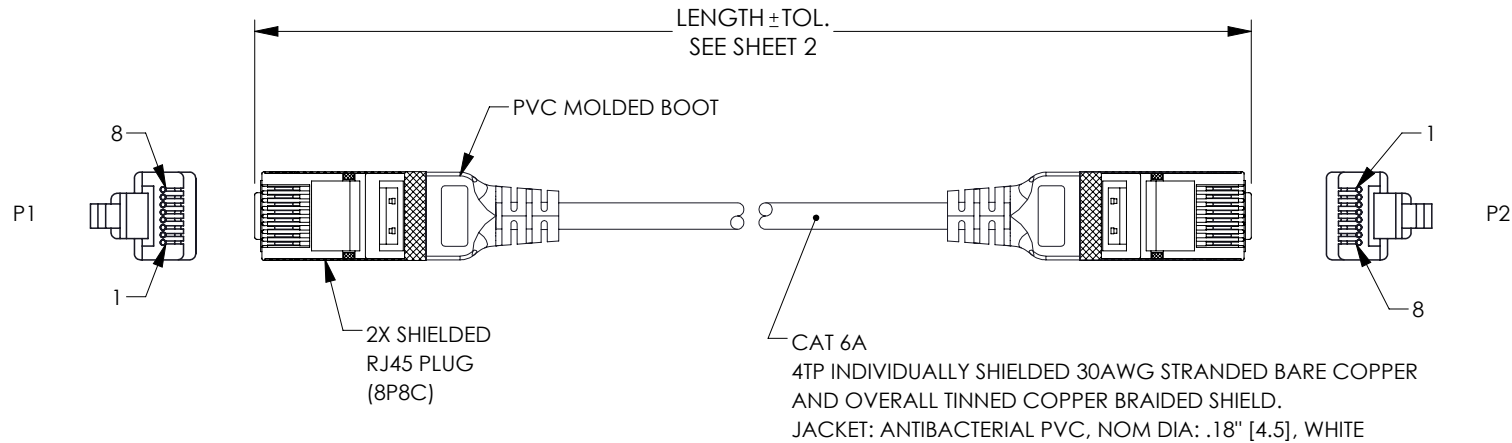


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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	03/07/2022	GUTTADAURO



**NOTES:**

**PHYSICAL CHARACTERISTICS:**

- CABLE TYPE: CAT6A S/FTP
- 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: 35.3Ω/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

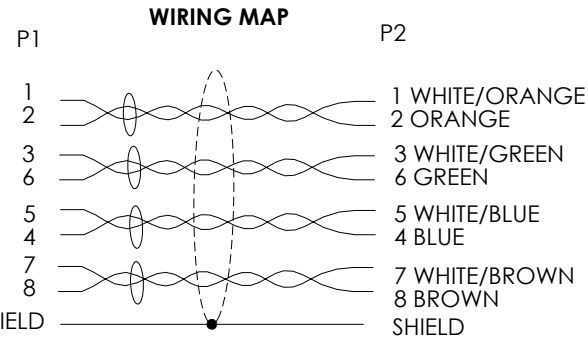
**ANTIBACTERIAL ACTIVITY RATE:** ESCHERICHIA COLI > 99.9%  
STAPHYLOCOCCUS AUREUS > 99.9%

**MISCELLANEOUS:**

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


**REGULATORY COMPLIANCE:**

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)



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 [13]	APPROVALS DRAWN BY DFRISIELLO CHECKED BY DGUST APPROVED BY GUTTADAURO	DATE 03/07/2022 03/07/2022 03/07/2022	 115 Chesterfield Industrial Blvd., Chesterfield, MO 63005 Phone: 1.888.519.9505 Fax: 1.888.519.9515
	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY		CATEGORY TELECOM/MODULAR
	COLOR VARIATIONS MAY OCCUR		PRODUCT DESCRIPTION C6a Slim Antibacterial S/FTP 30AWG CM PVC
	THIRD-ANGLE PROJECTION 	SCALE: NONE	SIZE <b>A</b> CAGE CODE <b>3SVT8</b> ITEM NO. <b>697A</b>

PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]
697A-0.5 WH	WHITE	0.5 [0.15]	+1.38/-.59 [+35/-15]
697A-01 WH	WHITE	1.0 [0.30]	+1.38/-.59 [+35/-15]
697A-03 WH	WHITE	3.0 [0.91]	+1.38/-.59 [+35/-15]
697A-05 WH	WHITE	5.0 [1.52]	+1.38/-1.79 [+35/-20]
697A-07 WH	WHITE	7.0 [2.13]	+1.38/-1.18 [+35/-30]
697A-10 WH	WHITE	10.0 [3.04]	+1.38/-1.18 [+35/-30]
697A-15 WH	WHITE	15.0 [4.57]	+1.38/-1.18 [+35/-30]
697A-25 WH	WHITE	25.0 [7.62]	± 2.36 [60]
697A-30 WH	WHITE	30.0 [9.15]	± 2.36 [60]
697A-40 WH	WHITE	40.0 [12.20]	± 3.15 [ 80]
697A-50 WH	WHITE	50.0 [15.24]	± 3.15 [ 80]
697A-65 WH	WHITE	65.0 [19.81]	± 3.15 [ 80]
697A-75 WH	WHITE	75.0 [22.86]	± 3.15 [ 80]
697A-100 WH	WHITE	100.0 [30.48]	± 3.15 [ 80]

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SIZE	CAGE CODE	ITEM NO.	REV.
<b>A</b>	<b>3SVT8</b>	697A	<b>A</b>
SCALE: NONE		CAD FILE: 697A.SLDDRW	
		SHEET 2 OF 2	