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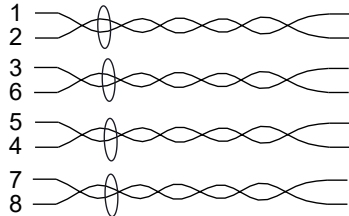
3

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WIRING MAP

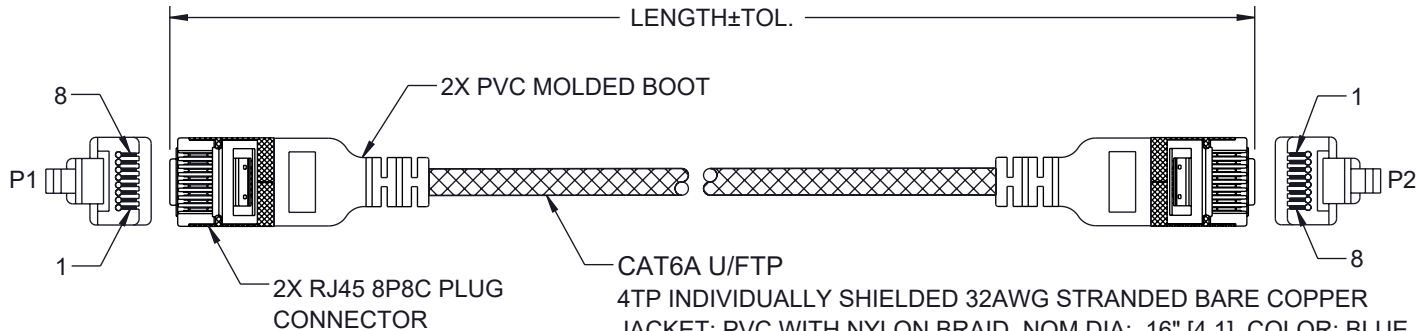
P1



P2

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

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	01/15/2024	HBAKKE	GUTTADAURO



NOTES:

PHYSICAL:

- CONDUCTOR TYPE: 32AWG, STRANDED BC
- INSULATION: HDPE
- CONDUCTOR DIA: $0.60 \pm 0.05\text{mm}$
- CONNECTOR CONTACT MATERIAL: COPPER ALLOY, 50 μ " GOLD PLATED
- MINIMUM AVERAGE CABLE THICKNESS: .026 [0.65].

ELECTRICAL:

- BANDWIDTH: 500 MHz
- VOLTAGE RATING: 30 V
- CONDUCTOR DC RESISTANCE: 58.3 Ω /100m (MAXIMUM)
- IMPEDANCE: 100 Ω
- CAPACITANCE: 5600pf/100m
- PROPAGATION DELAY: 545ns/100m (MAXIMUM)
- DELAY SKEW: 45ns/100m (MAXIMUM)
- PASS FLUKE DSX 8000 CHANNEL TEST

ENVIRONMENTAL:

- INSTALLATION TEMPERATURE RATING: 0°C TO +50°C
- OPERATING TEMPERATURE RATING: -20°C TO +60°C

MISCELLANEOUS:

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

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENTLY RELEASED VERSION).

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ITEM NUMBER	LENGTH [TOL.]	
	FEET [IN]	METERS [mm]
TRD632ABR-BLU-1F	1.00 [+1.38/- .59]	0.30 [+35/-15]
TRD632ABR-BLU-2F	2.00 [+1.38/- .59]	0.61 [+35/-15]
TRD632ABR-BLU-3F	3.00 [+1.38/- .59]	0.91 [+35/-15]
TRD632ABR-BLU-5F	5.00 [+1.38/- .79]	1.52 [+35/-20]
TRD632ABR-BLU-7F	7.00 [+1.38/-1.18]	2.13 [+35/-30]
TRD632ABR-BLU-10F	10.00 [+1.38/-1.18]	3.05 [+35/-30]
TRD632ABR-BLU-15F	15.00 [+1.38/-1.18]	4.57 [+35/-30]
TRD632ABR-BLU-20F	20.00 [±2.36]	6.10 [±60]
TRD632ABR-BLU-25F	25.00 [±2.36]	7.62 [±60]

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

X = ±.2 [5]	FRACTIONS
.XX = ±.02 [0.5]	± 1/32
.XXX = ±.005 [0.13]	ANGLES ± 1°

CABLE LENGTH TOLERANCES:	
≤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 DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE
UN-DIMENSIONED/NON-CRITICAL FEATURES
MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION

CAT 6A ETHERNET CABLE, U/FTP 32AWG, SLIM CABLE WITH
NYLON COVERED JACKET, BLUE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	HBAKKE	TRD632ABR-BLU	A

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