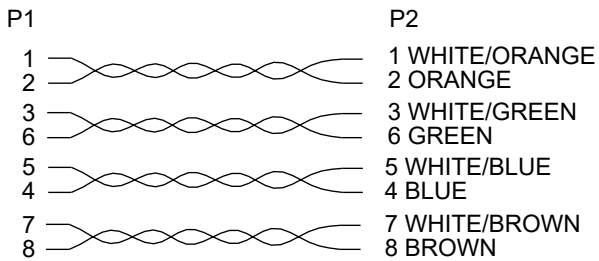
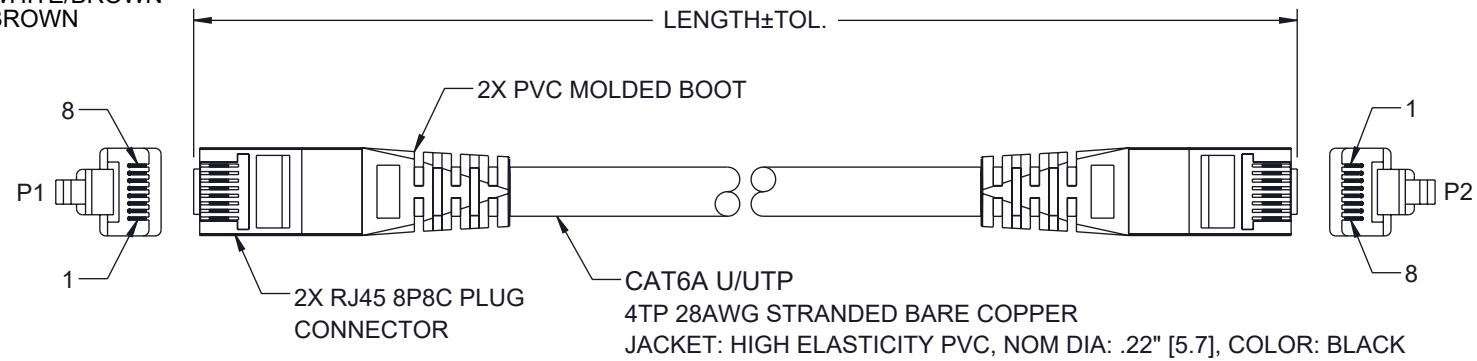
REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	01/15/2024	HBAKKE	GUTTADAURO

WIRING MAP





NOTES:

PHYSICAL:
- CONDUCTOR TYPE: 28AWG, STRANDED BC
- CONDUCTOR DIA: 0.60±0.05mm
- CONNECTOR CONTACT MATERIAL: COPPER ALLOY, 50µ" GOLD PLATED
- MINIMUM AVERAGE CABLE THICKNESS: .028 [0.70].

ELECTRICAL:
- BANDWIDTH: 500 MHz
- VOLTAGE RATING: 30 V
- CONDUCTOR DC RESISTANCE: 28.45Ω/100m (MAXIMUM)
- IMPEDANCE: 100Ω
- 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).

ITEM NUMBER	LENGTH [TOL.]	
	FEET [IN]	METERS [mm]
TRD628A-IAC-1F	1.00 [+1.38/-.59]	0.30 [+35/-15]
TRD628A-IAC-2F	2.00 [+1.38/-.59]	0.61 [+35/-15]
TRD628A-IAC-3F	3.00 [+1.38/-.59]	0.91 [+35/-15]
TRD628A-IAC-5F	5.00 [+1.38/-.79]	1.52 [+35/-20]
TRD628A-IAC-7F	7.00 [+1.38/-1.18]	2.13 [+35/-30]
TRD628A-IAC-10F	10.00 [+1.38/-1.18]	3.05 [+35/-30]
TRD628A-IAC-15F	15.00 [+1.38/-1.18]	4.57 [+35/-30]
TRD628A-IAC-25F	25.00 [±2.36]	7.62 [±60]
TRD628A-IAC-50F	50.00 [±3.15]	15.24 [±80]

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

TOLERANCES:

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

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/UTP 28AWG, SLIM CABLE WITH FLEXIBLE ARMOR JACKET, BLACK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	HBAKKE	TRD628A-IAC	A

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