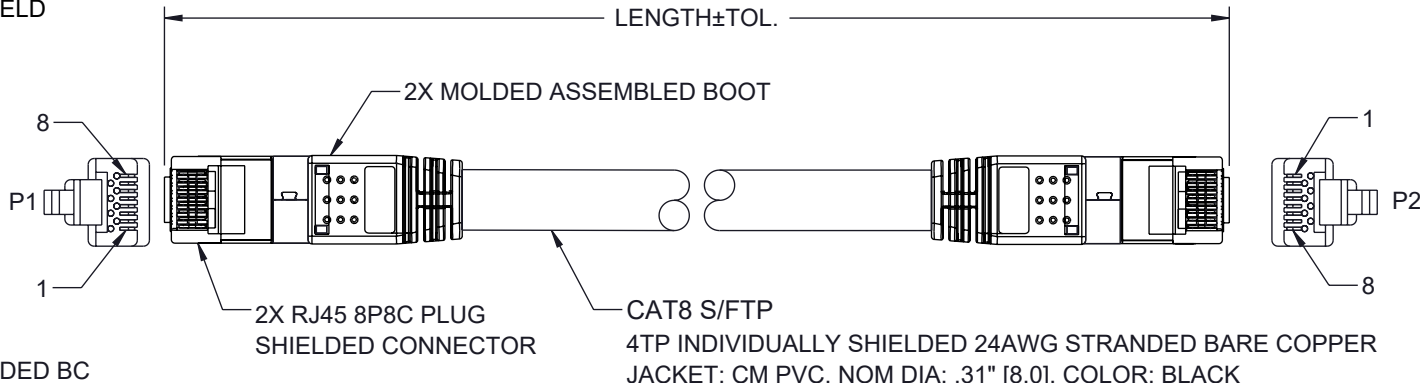
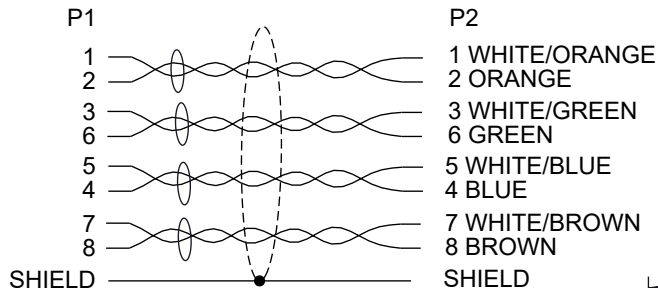


REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	06/03/2024	DZINN	GUTTADAURO

WIRING MAP



NOTES:

PHYSICAL:

- CONDUCTOR TYPE: 24AWG, STRANDED BC
- INSULATION: FMPE
- CONDUCTOR DIA: 1.4±0.05mm
- CONNECTOR CONTACT MATERIAL: COPPER ALLOY, 50µ" GOLD PLATED
- MINIMUM AVERAGE CABLE THICKNESS: .024 [0.60].

ELECTRICAL:

- BANDWIDTH: 2000 MHz
- VOLTAGE RATING: 30 V
- CONDUCTOR DC RESISTANCE: 11.25Ω/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).

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ITEM NUMBER	LENGTH [TOL.]	
	FEET [IN]	METERS [mm]
824TR-BLK-1F	1.00 [+1.38/- .59]	0.30 [+35/-15]
824TR-BLK-2F	2.00 [+1.38/- .59]	0.61 [+35/-15]
824TR-BLK-3F	3.00 [+1.38/- .59]	0.91 [+35/-15]
824TR-BLK-5F	5.00 [+1.38/- .79]	1.52 [+35/-20]
824TR-BLK-7F	7.00 [+1.38/-1.18]	2.13 [+35/-30]
824TR-BLK-10F	10.00 [+1.38/-1.18]	3.05 [+35/-30]
824TR-BLK-15F	15.00 [+1.38/-1.18]	4.57 [+35/-30]
824TR-BLK-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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DESCRIPTION
CAT 8 40GIG ETHERNET CABLE, S/FTP 24AWG, TENSILE RESISTANT, PVC JACKET, BLACK

SIZE A	CAGE CODE 3SVT8	DRAWN BY DZINN	ITEM NO. 824TR-BLK	REV A
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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE NONE	SHEET 1 OF 1
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