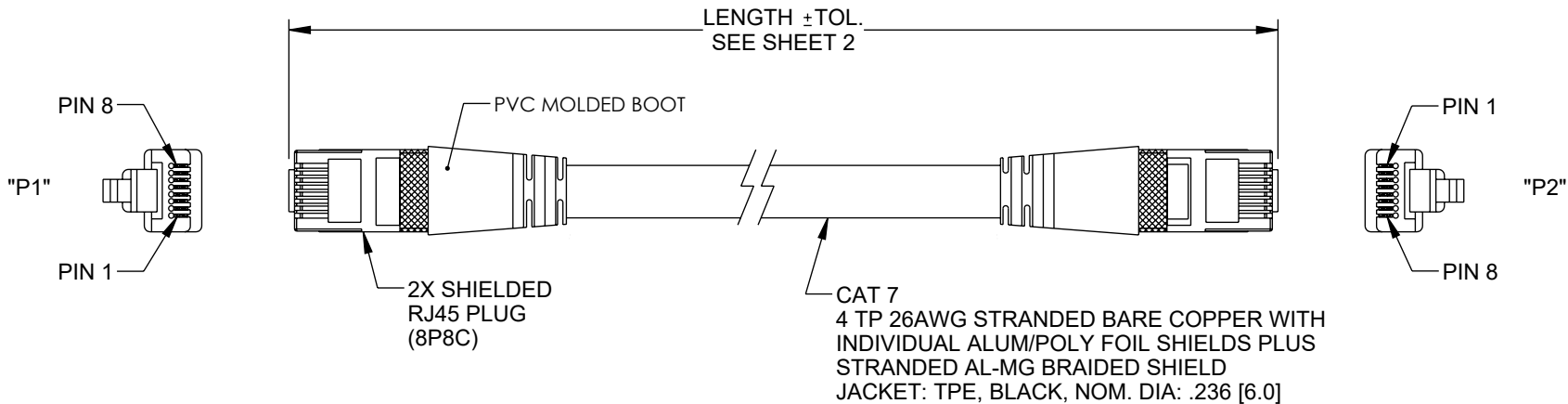


REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-14184	1/10/2025	KDANG	GUTTADAURO



NOTES:

PHYSICAL CHARACTERISTICS:

- CABLE TYPE: CAT 7 S/FTP
- TEMPERATURE RATING:
  - INSTALLATION: -20°C~60°C
  - OPERATION: -40°C~80°C
- VOLTAGE RATING: 30V
- DURABILITY: 1 MILLION CYCLES AT 10X O.D.
- UV, OIL AND WELD SPLATTER RESISTANT JACKET.

MECHANICAL CHARACTERISTICS:

- CONTACT MATERIAL: COPPER ALLOY, 50U" GOLD PLATING

ELECTRICAL CHARACTERISTICS:

- CONDUCTOR DC RESISTANCE: 15.2Ω/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: 600MHZ

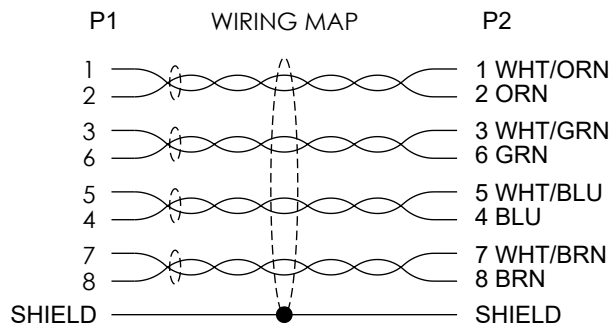
MISCELLANEOUS:

- 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)

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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	 <b>an INFINIT@ brand</b> Website: www.L-com.com Phone: 1.800.341.5266   1.978.682.6936		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE      SHEET NONE      1 OF 2	
	DESCRIPTION <b>Cat7 S/FTP 26AWG IND-OD-HF TPE</b>			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DFRISIELLO	TRD726HFO-TB	B

6

5

4

3

2

1

PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE INCH [mm]
TRD726HFO-TB-05F	BLACK	0.5 [0.15]	+1.38/-.59 [+35/-15]
TRD726HFO-TB-1F	BLACK	1.0 [0.30]	+1.38/-.59 [+35/-15]
TRD726HFO-TB-3F	BLACK	3.0 [0.91]	+1.38/-.59 [+35/-15]
TRD726HFO-TB-5F	BLACK	5.0 [1.52]	+1.38/-.79 [+35/-20]
TRD726HFO-TB-7F	BLACK	7.0 [2.13]	+1.38/-1.18 [+35/-30]
TRD726HFO-TB-10F	BLACK	10.0 [3.04]	+1.38/-1.18 [+35/-30]
TRD726HFO-TB-15F	BLACK	15.0 [4.57]	+1.38/-1.18 [+35/-30]
TRD726HFO-TB-25F	BLACK	25.0 [7.62]	± 2.36[ 60]
TRD726HFO-TB-30F	BLACK	30.0 [9.14]	± 3.15 [80]
TRD726HFO-TB-40F	BLACK	40.0 [12.19]	± 3.15 [80]
TRD726HFO-TB-50F	BLACK	50.0 [15.24]	± 3.15 [80]
TRD726HFO-TB-65F	BLACK	65.0 [19.81]	± 3.15 [80]
TRD726HFO-TB-75F	BLACK	75.0 [22.86]	± 3.15 [80]
TRD726HFO-TB-100F	BLACK	100.0 [30.48]	± 3.15 [80]

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LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

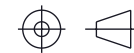
TOLERANCES:  
 .X = ±.2 [5]      FRACTIONS  
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 .XXX = ±.005 [0.13]      ANGLES ± 1°

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

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AND SUBJECT TO CHANGE WITHOUT NOTICE.  
UN-DIMENSIONED/NON-CRITICAL FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY

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Phone: 1.800.341.5266 | 1.978.682.6936



INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	2 OF 2

DESCRIPTION

Cat7 S/FTP 26AWG IND-OD-HF TPE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
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