

6

5

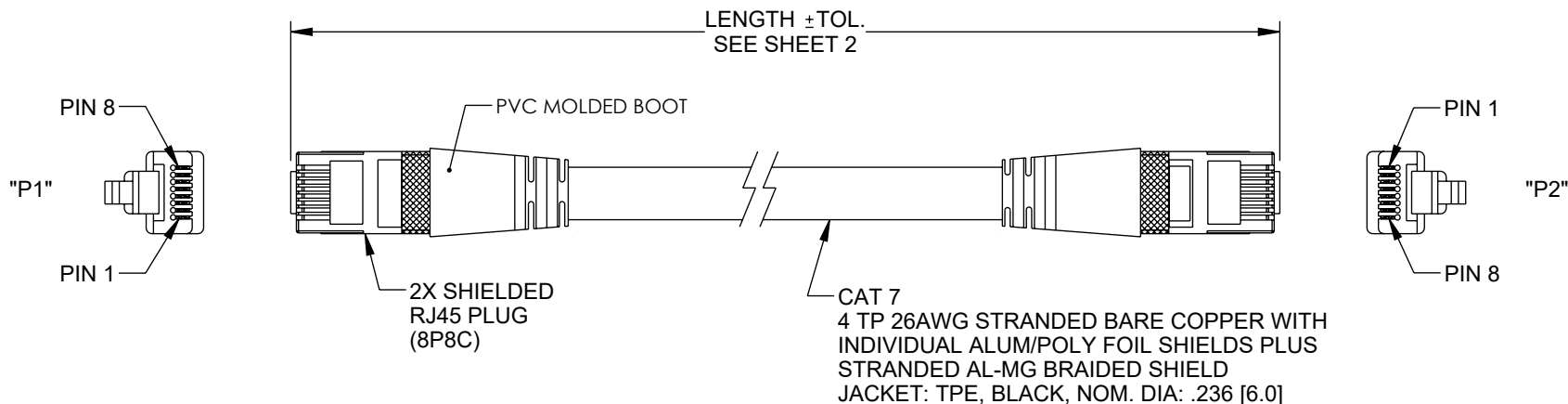
4

3

2

1

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:

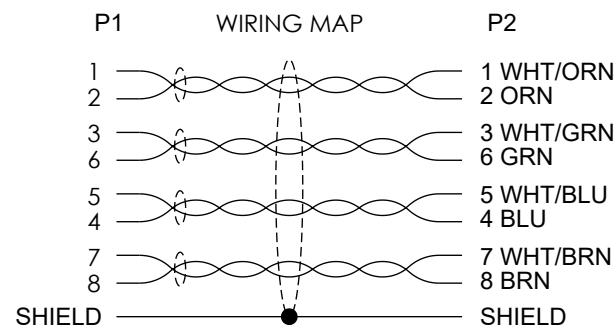
- CONDUCTOR DC RESISTANCE: 15.2 Ω /100M (MAXIMUM)
- IMPEDANCE: 100 Ω
- CAPACITANCE: 5600pf/100M
- PROPAGATION DELAY: 545ns/100M (MAXIMUM)
- DELAY SKEW: 45ns/100M (MAXIMUM)
- PASS FLUKE DSX 8000 CHANNEL TEST (5%TEST)
- BANDWIDTH: 600MHz

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)



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

6

5

4

3

2

1

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		L-com® an INFINIT@ brand Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
TOLERANCES: X = ±.2 [5] .XX = ±.02 [0.5] .XXX = ±.005 [0.13] FRACTIONS ± 1/32 ANGLES ± 1°				SCALE NONE	SHEET 1 OF 2
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		DESCRIPTION Cat7 S/FTP 26AWG IND-OD-HF TPE			
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		SIZE A	CAGE CODE 43321	DRAWN BY DFRISIELLO	ITEM NO. TRD726HFO-TB
					REV B

6

5

4

3

2

1

F

F

E

E

D

D

C

C

B

B

A

A

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]

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

6

5

4

3

2

1

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

TOLERANCES:

X = ±.2 [5]

XX = ±.02 [0.5]

XXX = ±.005 [0.13]

FRACTIONS
± 1/32

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

L-com®

an INFINIT® brand

Website: www.L-com.com

Phone: 1.800.341.5266 | 1.978.682.6936

INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE
NONE

SHEET
2 OF 2

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

SIZE
A

CAGE CODE
43321

DRAWN BY
DFRISIELLO

ITEM NO.
TRD726HFO-TB

REV
B