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## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	ECO-15563	02/25/2026	TDUFRENE	DGUST

F

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C

B

A

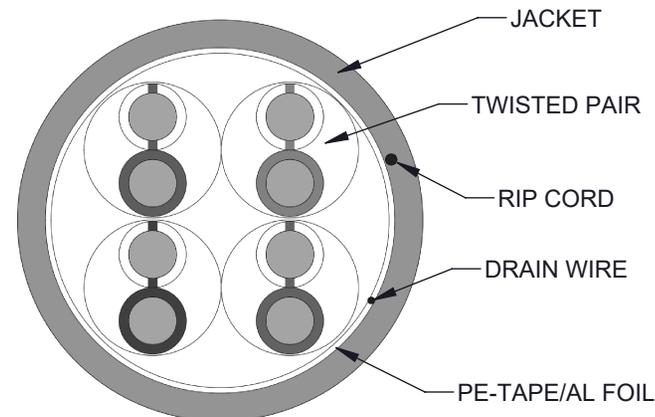
## NOTES:

- COMPLIANCE:  
ANSI/TIA-568.2-D.  
CMP PLENUM RATED.  
UL444 CERTIFIED.  
ETL LISTED.  
ROHS COMPLIANCE FOR THE REQUIREMENT OF EUROPEAN UNION  
ISSUED DIRECTIVE 2002/95/EC.  
REACH.
- PHYSICAL CHARACTERISTICS:

CONDUCTOR SIZE:	24AWG.
CONDUCTOR MATERIAL:	SOLID BARE COPPER.
INSULATION MATERIAL:	FEP.
INSULATION DIAMETER:	0.98mm.
NUMBER OF CONDUCTORS:	8 CONDUCTORS.
NUMBER OF PAIRS:	4 PAIRS.
OUTER SHIELD MATERIAL:	ALUMINUM FOIL.
DRAIN WIRE:	YES.
OUTER JACKET MATERIAL:	LOW SMOKE FR-PVC.
OUTER JACKET DIAMETER:	6.0 ± 0.3mm.
OUTER JACKET RIP CORD:	YES.
- MECHANICAL CHARACTERISTICS:

STORAGE TEMPERATURE RANGE:	-0~+30°C.
INSTALLATION TEMPERATURE RANGE:	-0~+50°C.
OPERATING TEMPERATURE RANGE:	-20~+60°C.
BULK CABLE WEIGHT:	30lbs. / 1000ft.
MAX. RECOMMENDED PULLING TENSION:	100N.
MIN. BEND RADIUS/MINOR AXIS:	22mm.
MIN. BEND/INSTALLATION:	45mm.
TEST OBJECT:	JACKET.
TEST MATERIAL:	PVC.
BEFORE TENSILE STRENGTH:	≥13.8.
AGING ELONGATION:	≥100%.
AGING CONDITION:	100°C X 168HRS.
AFTER TENSILE STRENGTH:	≥85% OF UNAGED.
AGING ELONGATION:	≥50% OF UNAGED.
COLD BEND:	N/A.

## CROSS-SECTIONAL VIEW



## COLOR CODE:

- PAIR 1 — WHITE/BLUE STRIPE & BLUE  
PAIR 2 — WHITE/ORANGE STRIPE & ORANGE  
PAIR 3 — WHITE/GREEN STRIPE & GREEN  
PAIR 4 — WHITE/BROWN STRIPE & BROWN

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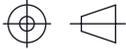
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS		 <b>an INFINIT® brand</b> Website: <a href="http://www.ShowMeCables.com">www.ShowMeCables.com</a> Phone: 1.888.519.9505		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
TOLERANCES: .X = ±.2 [5]      FRACTIONS ± 1/32 .XX = ±.02 [0.5]      ANGLES ± 1° .XXX = ±.005 [0.13]				SCALE	SHEET
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		NONE	
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		CAT5E SHIELDED SOLID PLENUM CABLE - BLUE - PER FT		1 OF 1	
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV	
A	3SVT8	TDUFRENE	85-500-235 BL	A	