

Ratings

Voltage: 300 V
 Temperature
 Static: -40~105 °C
 Dynamic: -20 to 105 °C
 Flammability: VW-1
 Water resistant: 75 °C
 Oil resistant: 60 °C (jacket)
 ≥50% elongation and tensile strength after aging
 UV resistance: jacket, 720 hours xenon or carbon arc exposure
 ≥80% tensile strength and elongation after aging

Conductor

Conductor count: 4PR
 Gauge: 26 AWG 0.14 mm²
 Material: bare copper strands
 Strand size: Ø 0.16 mm x 7
 Resistance at 20 °C: 140 Ω /km Max

Insulator

Material: FEP
 Color: white-brown, brown (1P) / white-orange, orange (1P) / white-green, green (1P) / white-blue, blue (1P)
 Diameter: Ø 0.9 ±0.08 mm
 Nominal thickness: 0.19 mm
 Resistance at 20 °C: 100 MΩ /km Min

Wrap

Material: Foam Polypropylene tape, 0.11 mm

Separator

Material: HD-PE

Shield

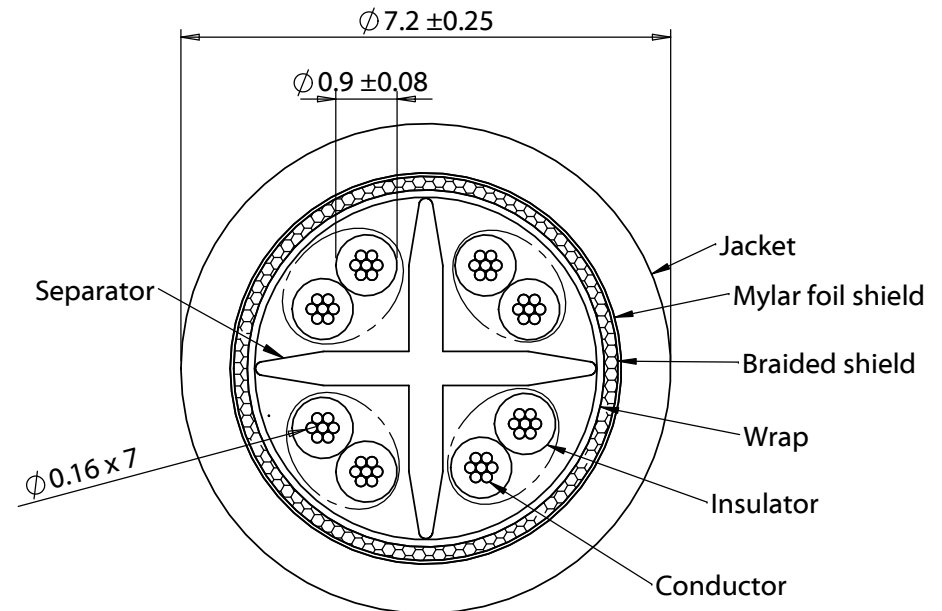
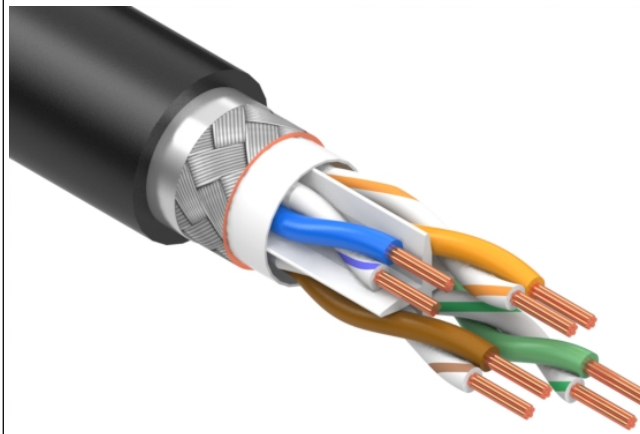
Type: aluminum mylar (facing outside) + tinned copper braid
 Coverage: 75% min braid, 100% foil
 Braid stranding: Ø0.10 mm

Outer jacket

Material: PVC, 80A
 Color: black
 Diameter: Ø 7.2 ±0.25 mm
 Nominal thickness: 0.76 mm

Wire marking: E339579 UL AWM STYLE 20387 26 AWG 105°C 300V VW-1 60°C OIL RESISTANT UV RESISTANT TENSILITY ANSI/EIA 568C.2 & ISO/IEC 11801CAT6A SF/UTP

Use: External wiring, CAT6a



Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	1/18/2022	Initial release	Verified:	RoHS compliant Function test: no open, no short circuit, no intermittent	
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 4PR BC, 26 AWG, CAT6a SF/UTP, UL20387, 300V, 105C, 60C oil, UV, 7.2 mm, shielded, VW-1, PVC	Size: A Part number: 30-01714
					Scale: 9:1 Sheet 1 of 1

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