

Ratings

Voltage: 300 V

Temperature: -40 ~80 °C

Flammability: FT2

Conductor

Conductor count: 4

Gauge: 26 AWG 0.15 mm²

Material: bare copper strands

Strand size: Ø 0.1 mm x 19

Max resistance at 20 °C: 150 Ω /km

Insulator

Material: TPE 85A

Color: white, black, red, green

Diameter: Ø 1 ±0.10 mm

Nominal thickness: 0.24 mm

Minimum resistance @ 20 °C: 100 MΩ /km

Shield

Type: braided

Material: bare copper strands

Stranding: Ø0.10 mm, 65% minimum coverage

Drain

Material: bare copper strands

Stranding: Ø 0.1 x 19

Outer jacket

Material: TPU (Polyether Polyurethane) 80A

Color: black

Diameter: Ø4.5 ±0.20 mm

Nominal thickness: 0.79 mm

Wire marking: E339579 UL AWM STYLE 20280 26 AWG 80°C
300V --- cUL AWM I/II A 80 °C 300V FT2 TENSILITY**Tests**

Spark test: 3.0 kV

Insulation tensile strength: 0.562 kgf/mm²Jacket tensile strength: 1.05 kgf/mm²

After aging at 113 ±2 °C for 7 days:

Minimum jacket tensile strength 70 % original

Minimum insulation tensile strength 75 % original

Minimum jacket elongation 65 % original

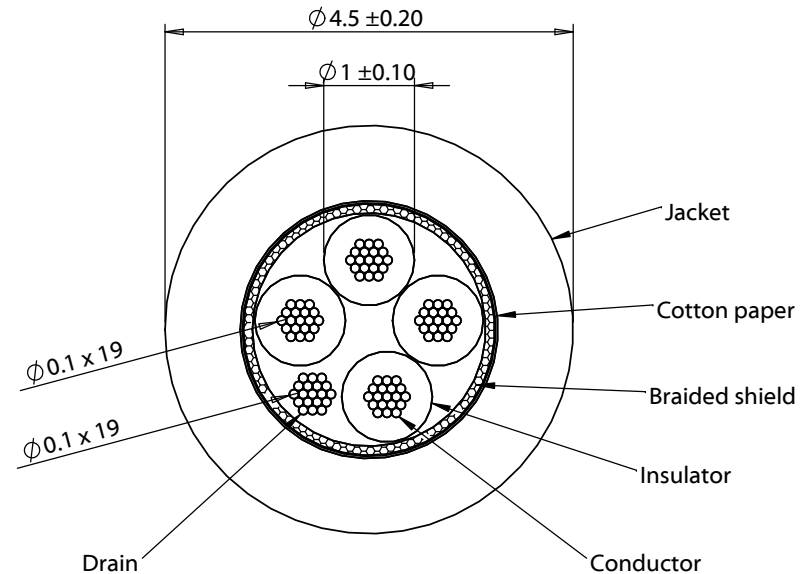
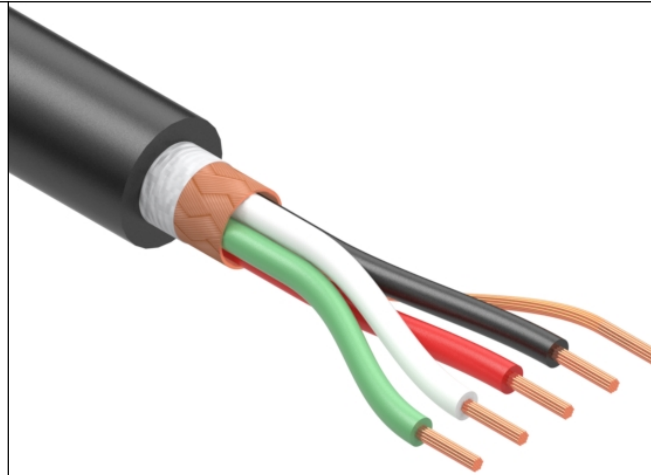
Minimum insulation elongation 75 % original

Heat shock: 121 ±1 °C /1 hour, no observed degradation

Deformation: 121 ±1 °C /1 hour, ≤ 50 %

Cold bend: -10 ±2 °C /1 hour, no observed cracking

Dielectric test: 2000 Vac for 1 minute without breakdown

Use: Internal wiring or external interconnection of electronic equipment.

Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	10/31/2023	Initial release	Verified:	RoHS and REACH compliant Phthalate and halogen free Function: 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, 4C BC, 26 AWG, UL20280, 300V, 80C, 4.5 mm, braided shield, FT2, TPU	Size: A	Part number: 30-03402	Sheet 1 of 1
					Scale: 12:1		

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