

Ratings

Voltage: 300 V
Temperature: -25 to 80 °C
Flammability: VW-1

Conductor

Conductor count: 5
Gauge: 26 AWG 0.14 mm²
Material: tinned copper strands
Strand size: Ø 0.16 mm x 7

Insulator

Material: PVC
Color: blue, yellow, white, black, red
Diameter: Ø 1.1 ± 0.10 mm
Nominal thickness: 0.38 mm

Filler

Material: cotton rope

Drain:

Stranding: Ø 0.16 mm x 7, 26 AWG

Shield

Type: foil + braided
Material: aluminum mylar, tinned copper strands
Stranding: Ø 0.127 mm
Coverage: 80% minimum

Outer jacket

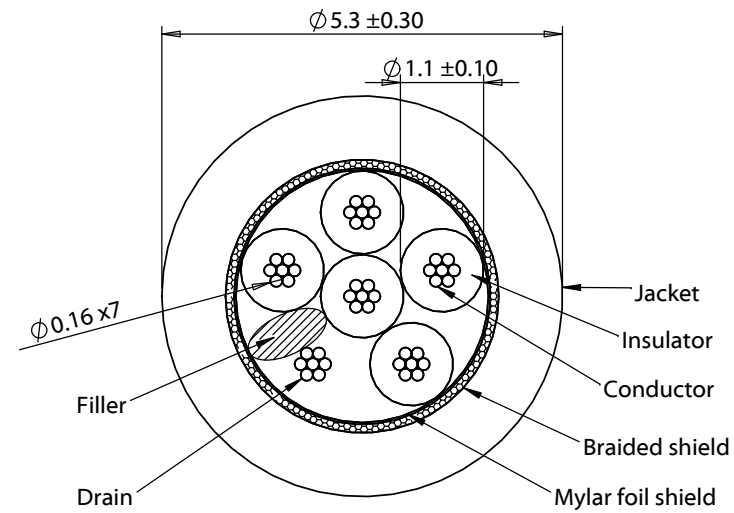
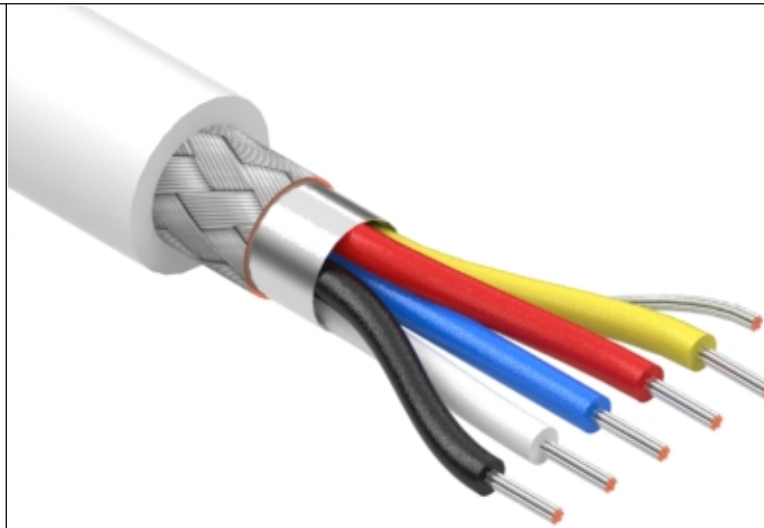
Material: PVC, 80A
Color: white
Diameter: Ø 5.3 ± 0.30 mm
Nominal thickness: 0.8 mm

Wire marking: E339579 UL AWM STYLE 2464 26 AWG 80°C
300V VW-1 --- cUL AWM I/II A 80°C 300V FT1 TENSILITY

Tests

Voltage test: 300 V
Spark test: 3.0 kV
Max resistance at 20 °C: 150 ohm/km
Insulation tensile strength: 2.11 kgf/mm²
Jacket tensile strength: 1.05 kgf/mm²
After aging at 113 ± 2 °C for 7 days:
Minimum tensile strength 70 % original
Minimum elongation 65 % 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	04/09/2018	Initial release	Verified:	RoHS and REACH 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, 5C TS, 26 AWG, UL2464, 300V, 80C, 5.3 mm, shielded, VW-1, PVC, white	Size: A	Part number: 30-01046	Sheet 1 of 1
					Scale: 10:1		