

Ratings

Voltage: 300 V
Temperature: -20~80°C
Flammability: VW-1

Conductor

Conductor count: 25
Gauge: 24 AWG 0.21 mm²
Material: tinned copper strands
Strand size: Ø 0.08 mm x 41
Resistance at 20 °C: 94.2 Ω/km max

Insulator

Material: PVC
Color: red, black, white, yellow, blue, green, orange, purple, gray, brown, pink, magenta, light green, light blue, white/black, yellow/black, blue/black, green/black, orange/black, purple/black, gray/black, brown/black, pink/black, red/black, light green/black
Diameter: Ø 1.1 ± 0.1 mm
Nominal thickness: 0.23 mm
Tensile strength: 2.11 kgf/mm² min
Resistance at 20 °C: 10 MΩ/km min

Drain

Stranding: Ø 0.08 mm x 41, 24 AWG

Shield

Type: braid + foil
Material: aluminum mylar, tinned copper strandstinned copper strands
Coverage: 65% minimum

Outer jacket

Material: PVC
Color: black
Diameter: Ø9 ± 0.25 mm
Nominal thickness: 0.9 mm
Tensile strength: 1.05 kgf/mm² min

Wire marking:

E339579 UL AWM STYLE 2464 24 AWG 80°C 300V VW-1 --- cUL
AWM I/II A 80°C 300V FT1 TENSILITY

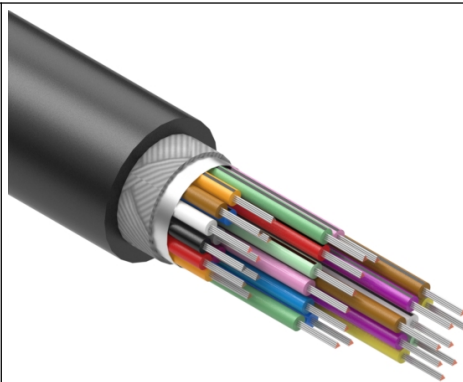
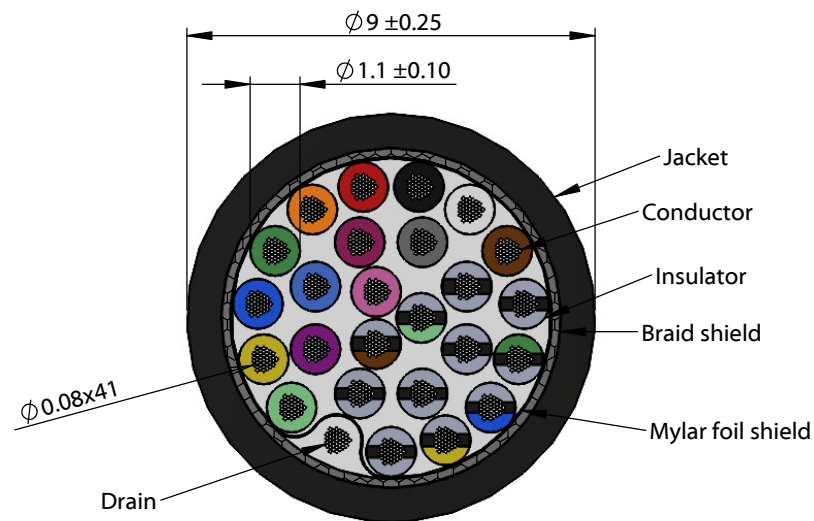
Tests

Spark test: 3.0 kV

Use: Internal wiring or external interconnection of electronic equipment.

Flex operation:

10 million cycles min in dynamic bend radius conditions
Bend radius
Static: 8 times the outer diameter (72 mm)
Dynamic: 12 times the outer diameter (108 mm)



Revision:	Date:	Description:	Prepared:	Notes:	<div>TENSILITY</div> <div>tel 1.541.323.3228 800 877.670.7118</div> <div>fax 1.541.323.4202 web tensility.com</div>			
A	06/02/2023	Initial release	CR	RoHS compliant				
			Verified: KM	Function test: no open, no short circuit, no intermittent	Size: A		Part number: 30-03266	
			Dimensions are in millimeters. Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Wire, 25C, TS, 24 AWG, UL2464, cont flex, 300V, 80C, 9 mm, shielded, VW-1, PVC	Scale: 6:1		Sheet 1 of 1	