

**Ratings**

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

**Conductor**

Conductor count: 7  
Gauge: 26 AWG 0.14 mm<sup>2</sup>  
Material: tinned copper strands  
Strand size:  $\varnothing 0.16$  mm x 7  
Resistance at 20 °C: 150  $\Omega$  /km max

**Insulator**

Material: PVC  
Color: red, black, white, yellow, blue, green, orange  
Diameter:  $\varnothing 1.1 \pm 0.10$  mm  
Nominal thickness: 0.29 mm  
Resistance at 20 °C: 10 M $\Omega$  /km min

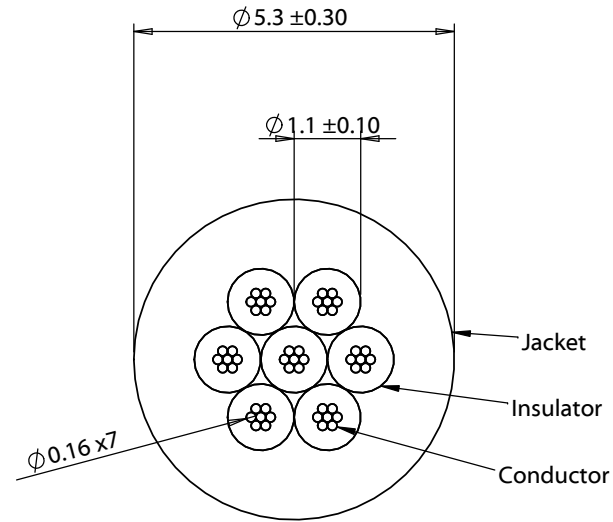
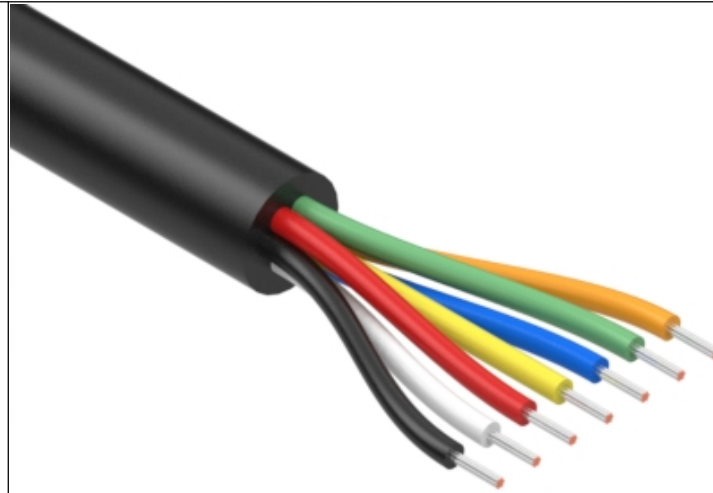
**Outer jacket**



Material: PVC  
Color: black  
Diameter:  $\varnothing 5.3 \pm 0.30$  mm  
Nominal thickness: 1.0 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**

Insulation tensile strength: 2.11 kgf/mm<sup>2</sup>  
Jacket tensile strength: 1.05 kgf/mm<sup>2</sup>  
After aging at 113  $\pm 2$  °C for 7 days:  
Minimum tensile strength 70 % original  
Minimum elongation 65 % original  
Heat shock: 121  $\pm 1$  °C /1 hour, no observed degradation  
Deformation: 121  $\pm 1$  °C /1 hour,  $\leq 50$  %  
Cold bend: -10  $\pm 2$  °C /1 hour, no observed cracking



Revision:	Date:	Description:	Prepared:	Notes:	<b>TENSILITY</b> tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	5/16/2019	Initial release	Verified:	RoHS compliant Function test: no open, no short circuit, no intermittent	
			Dimensions are in millimeters. Tolerances: X: $\pm 0.5$ mm X.X: $\pm 0.3$ mm X.XX: $\pm 0.05$ mm	Description:	Size: Part number:
				Wire, 7C TS, 26 AWG, UL2464, 300V, 80C, 5.3 mm, VW-1, PVC, 60P	A 30-01307
				Scale: 8:1	  Sheet 1 of 1