

**Ratings**

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

**Conductor**

Conductor count: 4  
Gauge: 22 AWG 0.34 mm²  
Material: tinned copper strands  
Strand size: Ø 0.16 x 17  
Resistance at 20 °C: 59.4 Ω /km max

**Insulator**

Material: PVC  
Color: black, white, red, yellow  
Diameter: Ø 1.35 ±0.10 mm  
Nominal thickness: 0.28 mm  
Resistance at 20 °C: 10 MΩ /km min

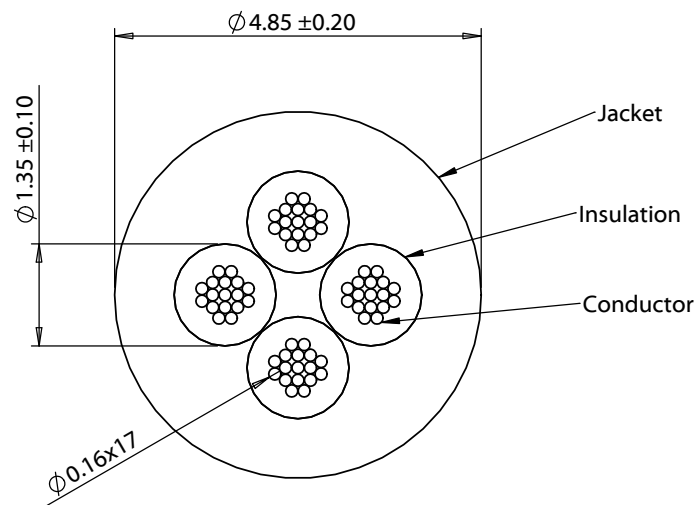
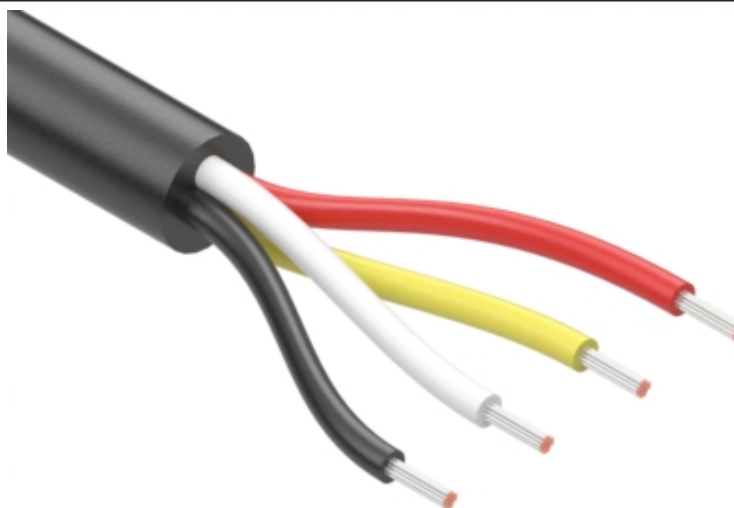
**Outer jacket**

Material: PVC  
Color: black  
Diameter: Ø 4.85 ±0.20 mm  
Nominal thickness: 0.79 mm

**Wire marking:** E339579 UL AWM STYLE 2464 22 AWG 80°C  
300V VW-1 --- cUL AWM I/II A 80°C 300V FT1 LF TENSILITY

**Tests**

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



Revision:	Date:	Description:
A	06/26/2014	Initial release
A1	09/06/2018	Increased temperature operating range

Prepared: **GL**  
Digitally signed by GL  
Date: 2018.09.06  
15:43:05 -07'00'

Verified: **CH**  
Digitally signed by CH  
Date: 2018.09.06  
15:54:31 -07'00'

Dimensions are in millimeters.  
Tolerances:  
X: ± 0.5 mm  
X.X: ± 0.3 mm  
X.XX: ± 0.05 mm

Notes:  
RoHS and REACH compliant

Function test: no open, no short circuit, no intermittent

Description:  
Wire, 4C TS, 22 AWG, UL2464, 300V, 80C, 4.85 mm, VW-1, PVC

**TENSILITY**

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Size: A Part number: **30-00386**

Scale: 10:1

Sheet 1 of 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com