

# UL 20811/2661 Composite 18/3C+ 22/2C PVC/PVC Cable

PRODUCT DATA SHEET

Internal wiring of appliances or electronic equipment.

External interconnection of electronic equipment.

**Design Number** 10581  
**Part Number** See Table 1  
**Customer Number** N/A

## CONSTRUCTION

### Element A Three 18AWG Wires

**Conductor:** 18AWG, 41/34 Stranded bare copper

**Insulation:** Polyvinyl Chloride

**Insulation Thickness:** 0.015" (Nom.)

**Insulation Diameter:** 0.077" (Nom.)

### Element B Two 22AWG Wires

**Conductor:** 22AWG, 26/36 Stranded bare copper

**Insulation:** Polyvinyl Chloride

**Insulation Thickness:** 0.015" (Nom.)

**Insulation Diameter:** 0.063" (Nom.)

### Cable Assembly Bunch Cable 5 Conductors

**Separator:** Non-woven polyester

**Jacket Material:** Flexible Polyvinyl Chloride (Oil, Moisture, UV, VW-1)

**Jacket Thickness:** 0.035" (Nom.)

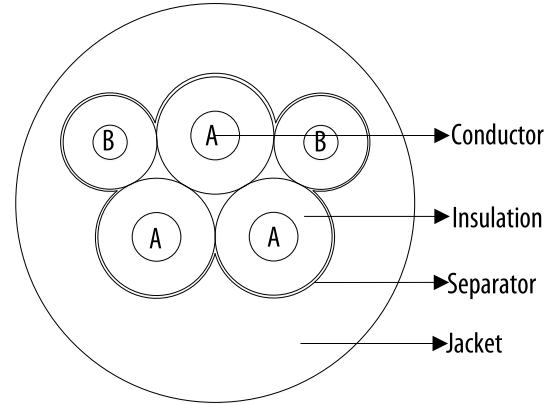
**Overall Diameter:** 0.265" (Nom.)

**Jacket Color:** Variety of colors available

### Print Legend

E477982 UH  AWM 20811 105C 600V OR 2661 105C 300V VW-1

--- c  AWM I/II A 105C 600V FT-1



**Color Code A:** Black, White, Green

**Color Code B:** Violet, Pink

## ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** 105°C

**Operating Voltage:** 600V

## SAFETY CHARACTERISTICS

**Flame Test:** UL VW-1 & Canadian c UL FT-1

**Approvals:** UL AWM Style 20811 & 2661

**RoHS EU Directive 2011/65/EU(1&2&3)**

**REACH Regulation 210**

**California Prop 65**

Table 1	
Part Number	Jacket Color
32150422	Black
32150424	White

**Application:** Internal wiring or external interconnection of electronic equipment

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Revision History		
00	2022/02/07	Initial Release
Created L. Jian		Approved A. Huang

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