

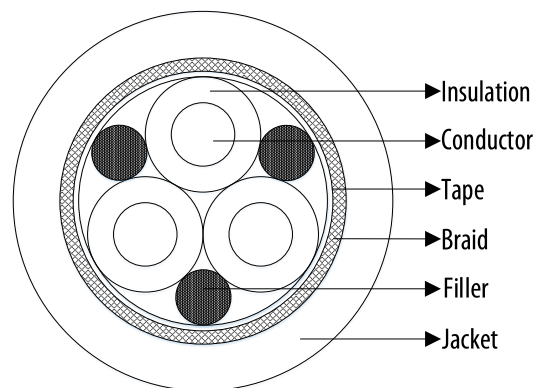
# UL 2661 10AWG/3C Braided Cable



PRODUCT DATA SHEET

External interconnection of electronic equipment, rated for continuous use up to 105C. The design is based on UL 758, UL 1581& AWM UL 2661.

**Design Number** 10303  
**Part Number** 32132877  
**Customer Number** N/A



## CONSTRUCTION

**Conductor:** Stranded tinned copper  
**Conductor Size:** 10AWG(105/30)  
**Insulation:** Polyvinyl Chloride  
**Insulation Thickness:** 0.015"(Nom.)  
**Insulation Diameter:** 0.154"(Nom.)  
**Filler:** Optional  
**Tape:** Al-mylar  
**Braid:** 0.12mm, Tinned copper, min coverage 80%  
**Jacket Material:** Polyvinyl Chloride (UV resistant)  
**Jacket Thickness:** 0.030"(Nom.)  
**Overall Diameter:** 0.433"(Nom.)  
**Jacket Color:** Black

### Print Legend:

ASCENT E477982 CK AWM STYLE 2661 105°C 300V VW-1 --- c   
AWM II A/B 105°C 300V FT1 -LF-

**Color Code:** Black, Red, Brown

## PHYSICAL CHARACTERISTICS

**Operating Temperature (°C):** 105°C  
**Operating Voltage:** 300V  
**Conductor DC Resistance@20°C:** 3.546 Ω/km Max  
**Dielectric Test:** AC 2.0 kV/1 min

## SAFETY CHARACTERISTICS

**Approvals:** UL 758, UL 1581& AWM UL 2661  
**RoHS Compliance:** European Directive 2015/863/EU

**Application:** ASCENT cables are made with flexible polymers insulating jackets that are moisture and UV resistant.

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Revision History		
00	2020/05/22	Initial release
01	2020/05/25	Update temperature to 105C, add jacket color
02	2020/05/28	Add Part number
Created L. Jian	Approved A. Huang	

**Bristol** | Unit 61, Gazelle Rd., Weston Industrial Estate, Weston-super-Mare, North Somerset BS24 9ES UK  
**Frankfurt** | Rudolf-Braas-Strasse 2, D-61381 Friedrichsdorf  
**Milwaukee** | 5001 South Towne Dr. New Berlin, WI 53151 USA  
**Suzhou** | B2-2 Weiting Town Industrial - Workshop A, No. 9 Weixin Rd., Suzhou Industrial Park, Jiangsu, China 215122

