

UL 2501 16AWG/7C Overall Braid PVC Cable

PRODUCT DATA SHEET

Internal wiring or external interconnection of electronic equipment, rated for continuous use up to 105C. The design is based on UL 758, UL 1581 & AWM UL 2501.

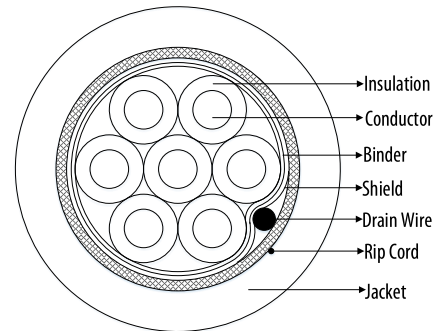
Design Number 10555
Part Number 32160032
Customer Number N/A

CONSTRUCTION

Conductor: Stranded tinned copper
Conductor Size: 16AWG(19/0.0117")
Insulation Material: PVC
Insulation Thickness: 0.032"(Nom.)
Insulation Diameter: 0.123"(Nom.)
Binder: Non- woven tape
Shield: Al-mylar
Drain Wire: Tinned Copper, 16AWG(19/0.0117")
Braid: Tinned copper, min coverage 70%
Jacket Material: PVC
Jacket Thickness: 0.063"(Nom.)
Overall Diameter: 0.530" Nom., 0.553" Max.
Jacket Color: Gray

Print Legend:

ASCENT E506221 HC  AWM STYLE 2501 16AWG 105°C VW-1 ---
c  AWM 16AWG I/II A/B 105°C 600V FT1 -LF- 



Color Code: 1.Black 2.Brown 3.Red 4.Orange
5.Yellow 6.Green 7.Blue

PHYSICAL CHARACTERISTICS

Operating Temperature (°C): -30°C to +105°C, 90°C Dry, 60°C Wet
Operating Voltage: 600V
Conductor DC Resistance@20°C: 14.6 Ω/km Max
Dielectric Test: AC 2.0 kV/1 min
Min Bending Radius: 10xOD
Flame Test: VW-1 & FT4 & IEC 60332-1-2 & IEC 60332-2-2
Environmental Resistance: UV RES.& 60°C Oil

SAFETY CHARACTERISTICS

Approvals: UL 758, UL 1581& AWM UL 2501
RoHS & REACH Compliant

Application: ASCENT cables are made with flexible polymers insulating jackets.

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Revision History		
00	2021/12/10	Initial release
01	2022/02/08	Add Part number and specify jacket color
Created L. Jian	Approved A. Huang	

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