



Cable Specification

1PR 18 AWG Shielded Cable

CONDUCTORS

Wire Size & Type: 18 (41/34) AWG Tinned Copper
Nom. Wire Diameter: 0.047
Insulation Type: FEP
Nom. Ins Thickness: 0.010
Conductor Diameter: **0.067**
Tolerance (+/-): 0.003
Colors: See Assembly Color code

ASSEMBLY

Core Cabling: 2/C (1PR) Cabled
Filler: Fiberglass as required for uniform round construction.
Drain: 22 AWG (7X30) Tinned Copper (Touching Foil)
Shield: Aluminum/Mylar (100% Coverage, 25% Min. Overlap, Foil Facing IN)
Color Code: White Paired With Black

JACKET

Material Type: Black FEP
Separator: None
Nom. Jkt Thickness: 0.012
Cable Diameter: **0.163**
Tolerance (+/-): 0.006
Print: Ink Color White Ink Jet
Legend: E163860-CA UL CMP 150C 1PR 18AWG - - - RoHS

TESTS

Test 1: Continuity
Test 2: Shorts
Test 3: Physical/Dimensional

MISCELLANEOUS

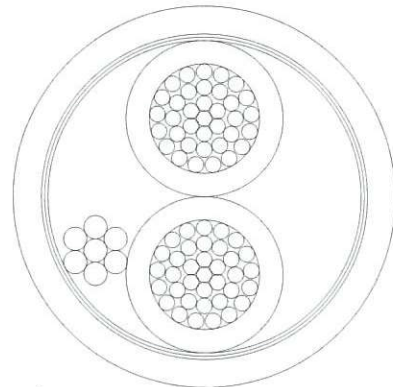
Voltage: 300Vrms
Temperature: -70°C to 150°C
Put Ups: Bulk, May Contain Multiple Lengths Per Reel
Reel: Wood or Plastic
Colors: Munsell® Component Limits of Deviation

ENVIROMENTAL

RoHS Directive: European Directive 2011/65/EU
REACH: Regulation (EC 1907/2006)

APPROVALS

Final Product: UL CMP E163860 Vol.1 Sec.1.



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Dimensions in inches unless otherwise specified

.XXX = +/- .005 .XX = +/- .02 .X = +/- .1

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Prepared By: Eli Siliga

Date: 6/15/2017

Customer Approval:

Title: *Electrical Engineer*

Date: *12-15-2017*

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