



Coast™ Custom Cable

Tel: (908) 925-8000 E-mail: coast@alphawire.com

Distributor Name: **IEWC**

End Use Customer: **N/A**

IP Owner: **IEWC**

Part Number: **18-1921 SL199**

Revision: **None**

Customer P/N: **N/A**

Customer Revision: **N/A**

Cable Specification

28/C (14PR) 30 AWG Shielded Cable

CONDUCTORS

Wire Size & Type: 30 (7/38) AWG Bare Copper

Nom. Wire Diameter: 0.012

UL: AWM Style 1568, 80C, 150Vac, Horizontal Flame

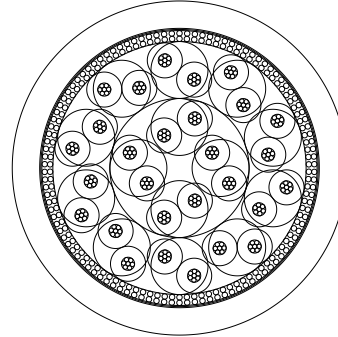
Insulation Type: PVC

Nom. Ins Thickness: 0.010 (9 Mils min avg. thickness, 7 mils min at any point)

Conductor Diameter: **0.032**

Tolerance (+/-): 0.002

Colors: See Sub-Assy for Twisted Pair Colors



SUB-ASSEMBLY Twisted Pairs

- | | |
|----------------------------------|----------------------------|
| Colors: #1 Black Paired With Red | #8 Red Paired With Green |
| #2 Black Paired With White | #9 Red Paired With White |
| #3 Black Paired With Green | #10 Red Paired With Blue |
| #4 Black Paired With Blue | #11 Red Paired With Yellow |
| #5 Black Paired With Brown | #12 Red Paired With Brown |
| #6 Black Paired With Yellow | #13 Red Paired With Orange |
| #7 Black Paired With Orange | #14 Green Paired With Blue |

ASSEMBLY

Core Cabling: 28/C (14 PR's) Cabled

Filler: FR Polypropylene **IF** required for uniform round construction.

SHIELD

Type: Braid

Material: Tinned Copper

Required Coverage: 85% minimum

AWG: #36

JACKET

Material Type: Gray PVC (Pressure)

Separator: Paper

Nom. Jkt Thickness: 0.025 (9 Mils min avg. thickness, 7 mils min at any point)

Cable Diameter: **0.305**

Tolerance (+/-): 0.010

Print: Ink Color Black

Legend: E163869-CA RU AWM STYLE 2725 80C 30V VW-1 30AWG 28C --- RoHS

TESTS

Test 1: Continuity

Test 2: Shorts

Test 3: Physical/Dimensional

MISCELLANEOUS

Voltage: 30Vrms

Temperature: 80°C

Put Ups: Bulk, May Contain Multiple Lengths Per Reel

Reel: Wood or Plastic

Colors: Munsell® Wire & Cable Limits of Deviation

ENVIRONMENTAL COMPLIANCE

RoHS: European Directive 2011/65/EU(ROHS2) and amending Directive 2015/863/EU

APPROVALS

Final Product: UL AWM Style 2725, 80°C, 30Vac, VW-1 flame.

Note: Cable drawing is representative only and may not match the specific configuration of the final product.

Dimensions in inches unless otherwise specified

Prepared By: Eli Siliiga

Date: 7/2/2018

Customer Approval: _____

Title: _____

Date: _____

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