



Coast™ Custom Cable

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

Distributor Name: IEWC

End Use Customer: Onicon

IP Owner: Onicon

Part Number: **19-2103 BK199**

Revision: **None**

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

Customer Revision: **N/A**

Cable Specification

3/PR 22 AWG Shielded Cable

CONDUCTORS

Wire Size & Type: 22 AWG (7X30) Tinned Copper
Nom. Wire Diameter: 0.030
Spark Test: 3000Vac
Insulation Type: FEP
Nom. Ins Thickness: 0.008
Conductor Diameter: **0.046**
Tolerance (+/-): 0.002
Colors: Red Violet
Black Yellow
Brown Orange

SUB-ASSEMBLY Twisted Pairs

Nom. Diameter: **0.098**
Drain: 24 AWG (7X32) Tinned Copper (Touching Foil)
Shield: Aluminum/Mylar (100% Coverage, 25% Min. Overlap, Foil Facing **IN**)
Colors: Red and Black
Brown and Violet
Yellow and Orange

ASSEMBLY

Core Cabling: 3 Pairs Cabled
Nom. Diameter: **0.098**
Filler: As required for uniform round construction.
Binder: None
Drain: 24 AWG (7X32) Tinned Copper (Touching Foil)
Shield: Aluminum/Mylar (100% Coverage, 25% Min. Overlap, Foil Facing **IN**)

JACKET

Material Type: Black FEP
Separator: None
Nom. Jkt Thickness: 0.012
Cable Diameter: **0.193**
Tolerance (+/-): 0.008
Bend Radius: 2.5"
Print: White Ink
Legend: **E163860-CA 3PR22 SHIELDED (UL) CMP 150C --- ROHS**

TESTS

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

MISCELLANEOUS

Voltage: 300V
Temperature: -50°C to +150°C
Put Ups: Bulk, May Contain Multiple Lengths Per Reel
Reel: Wood or Plastic
Colors: Munsell® Wire & Cable Limits of Deviation
Nominal Impedance: 50 +/- 10% Ohms

ENVIRONMENTAL COMPLIANCE

RoHS: European Directive 2011/65/EU(ROHS2) and amending Directive 2015/863/EU
REACH: Regulation (EC 1907/2006)

APPROVALS

Final Product: UL Plenum (CMP) 300V 150C

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: Jason Kovaric

Date: 7/29/2019

Customer Approval: *[Signature]*

Title: **EE**

Date: **8/1/19**

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