



From 2004 12/20/19

### Coast™ Custom Cable

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

Distributor Name: IEWC

End Use Customer: Onicon

IP Owner: Onicon

Part Number: 19-1953 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: PP  
 Nom. Ins Thickness: 0.009  
 Conductor Diameter: 0.047  
 Tolerance (+/-): 0.002  
 Colors: Red Violet  
 Black Yellow  
 Brown Orange

#### SUB-ASSEMBLY Twisted Pairs

Nom. Diameter: 0.100  
 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: 0.100  
 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 PVC  
 Separator: None  
 Nom. Jkt Thickness: 0.037  
 Cable Diameter: 0.246  
 Tolerance (+/-): 0.008  
 Bend Radius: 2.5"  
 Print: White or Blue Ink  
 Legend: EXXXXX 3PR22 SHIELDED (UL) PLTC-ER SUN RES --- ROHS DIR BUR

#### TESTS

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

#### MISCELLANEOUS

Voltage: 300V  
 Temperature: -30°C to +105°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

#### APPROVALS

Final Product: None

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: 6/28/2019

Customer Approval: *[Signature]*

Title: Electrical Engineer

Date: 7/16/19

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