



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: **18-1092 BK199**

Revision: **None**

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

Cable Specification

12/C (1 PR) Composite Unshielded Cable

CONDUCTORS

Wire Size & Type: 16 (26/30) AWG Tinned Copper
Nom. Wire Diameter: 0.059
Insulation Type: TPE
Nom. Ins Thickness: 0.022
Conductor Diameter: **0.102**
Tolerance (+/-): 0.004
Colors: #1 White w/ Red Stripe #5 Red
 #2 White #6 Violet
 #3 Black w/ Red Stripe #7 Gray
 #4 Black

CONDUCTORS

Wire Size & Type: 18 (16/30) AWG Tinned Copper
Nom. Wire Diameter: 0.046
Insulation Type: TPE
Nom. Ins Thickness: 0.008
Conductor Diameter: **0.062**
Tolerance (+/-): 0.002
Colors: #1 Brown
 #2 Orange
 #3 Black w/ White Stripe

CONDUCTORS

Wire Size & Type: 18 (16/30) AWG Tinned Copper
Nom. Wire Diameter: 0.046
Insulation Type: FOAM PE
Nom. Ins Thickness: 0.012
Conductor Diameter: **0.070**
Tolerance (+/-): 0.003
Colors: See Twisted Pairs

SUB-ASSEMBLY Twisted Pairs

Colors: #1 Green Paired With Yellow

ASSEMBLY

Core Cabling: 12/C (7) 16AWG Singles + (3) 18AWG Singles + (1 PR) 18AWG Cabled
Filler: FR Fibrillated Polypropylene as required for uniform round construction.
Binder: Clear Mylar (100% Coverage, 25% Min. Overlap)

JACKET

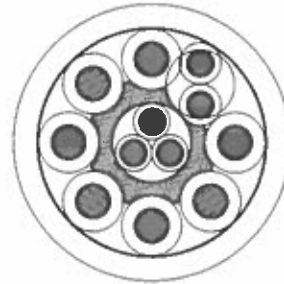
Material Type: Black TPE
Separator: None
Nom. Jkt Thickness: 0.040
Cable Diameter: **0.467**
Tolerance (+/-): 0.018

TESTS

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

MISCELLANEOUS

Voltage: 300Vrms
Temperature: -35°C to 80°C
Put Ups: Bulk, May Contain Multiple Lengths Per Reel
Reel: Wood or Plastic
Colors: Munsell® Component Limits of Deviation



ENVIRONMENTAL COMPLIANCE

RoHS: European Directive 2011/65/EU (ROHS2)

APPROVALS

Final Product: None

Dimensions in inches unless otherwise specified

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

Prepared By: Eli Sillga

Date: 2/6/2018

Customer Approval: *[Signature]*

Title: *Engineer*

Date: *2-12-18*

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