



Coast™ Custom Cable

(310) 639-9473 Phone (310) 763-2225 Fax

Part Number: **16-1164RB BK199**

Revision: **B**

Customer Name: **IEWC**
End Use Customer: **Engineering Services**

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

Cable Specification

7/C Composite (2 PR) Shielded Cable

CONDUCTORS

Wire Size & Type: 28 AWG (7/36) Tinned Copper
Nom. Wire Diameter: 0.015
Insulation Type: TPES (Hytrel)
UL: AWM 10390 80°C 600V
Nom. Ins Thickness: 0.011 10 mils min. avg.
Conductor Diameter: 0.037
Tolerance (+/-): 0.002
Colors: #1 Brown
 #2 Yellow
 #3 Green
 #4 Blue

CONDUCTORS

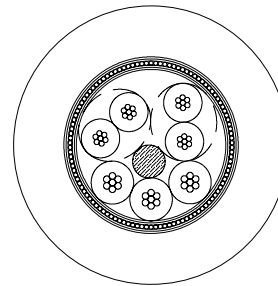
Wire Size & Type: 26 AWG (7/34) Tinned Copper
Nom. Wire Diameter: 0.019
Insulation Type: TPES (Hytrel)
UL: AWM 10390 80°C 600V
Nom. Ins Thickness: 0.011 10 mils min. avg.
Conductor Diameter: 0.041
Tolerance (+/-): 0.002
Colors: #1 White
 #2 Black
 #3 Red

SUB-ASSEMBLY 28 AWG Twisted Pairs

Colors: #1 Brown Paired With Yellow
 #2 Green Paired With Blue

ASSEMBLY

Core Cabling: (2) Twisted Pairs + 3/C Cabled
Filler: Fiberglass as required for uniform round construction
Binder: PTFE Tape (100% Coverage, 25% Min. Overlap)



SHIELD

Type: Spiral
Material: Tinned Copper
Required Coverage: 90% minimum
AWG: #38

JACKET

Material Type: Black Matte Polyurethane
Separator: PTFE Tape (100% Coverage, 25% Min. Overlap)
Nom. Jkt Thickness: 0.048 45 mils min. avg.
Cable Diameter: 0.265
Tolerance (+/-): 0.009
Print: Ink Color Inkjet White
Legend: E163869-CA RU AWM 20234 26/3C 28/2PR --- cRU AWM I/II A/B 80°C 600V

TESTS

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

MISCELLANEOUS

Voltage: 600V_{RMS}
Temperature: 80°C
Bend Radius: 10X Cable Diameter Min.
Put Ups: Bulk
Reel: Wood or Plastic
Weight: TBD

APPROVALS

Final Product: UL AWM 20234 80°C 600V



Rev B	(3) Single Conductors Were 28 AWG, Now 26 AWG; OD Was 0.260, Now 0.265	MC 3/23/16
Rev A	Was 7/C, Now 3/C + (2) Twisted Pairs; OD Was 0.245, Now 0.260	MC 2/16/16

UNCONTROLLED COPY	Dimensions in inches unless otherwise specified			UNCONTROLLED COPY
	.XXX = +/- .005	.XX = +/- .02	.X = +/- .1	

Prepared By: Mike Cother	Customer Approval:
Date: 2/3/2016	
Configuration Code: 1026422	

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