



**Coast™ Custom Cable**

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

Distributor Name: **IEWC**

End Use Customer: **Profound Medical**

IP Owner: **Profound Medical**

Part Number: **14-0590RB WH199**

Revision: **B**

Customer P/N: **103597**

Customer Revision: **B**

**Cable Specification**

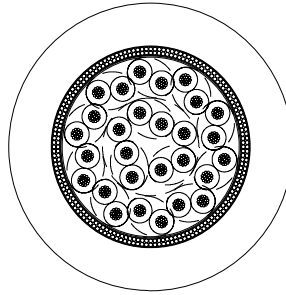
**28/C 28 AWG (13 PR) Shielded Cable**

CONDUCTORS

**Wire Size & Type:** 28 AWG (19/40) Bare Copper  
**Nom. Wire Diameter:** 0.016  
**Insulation Type:** PVC  
**Nom. Ins Thickness:** 0.008  
**Conductor Diameter:** **0.032**  
**Tolerance (+/-):** 0.002  
**Colors:** #1 Green  
#2 Blue  
**#3-#28 SEE TWISTED PAIRS**

SUB-ASSEMBLY Twisted Pairs

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



ASSEMBLY

**Core Cabling:** (10) Twisted Pairs Cabled Around (3) Twisted Pairs and 2/C 28 AWG  
**Filler:** Fiberglass **IE** required  
**Shield:** Aluminum/Mylar (100% Coverage, 25% Min. Overlap, Foil Facing **OUT**)

SHIELD

**Type:** Braid  
**Material:** Tinned Copper  
**Required Coverage:** 95% minimum  
**AWG:** #36

JACKET

**Material Type:** White Medical Grade Santoprene TPR  
**Separator:** Tissue Paper  
**Nom. Jkt Thickness:** 0.055

**Nominal Diameter:** **0.365**      **Min. 0.358 - Max. 0.374 Critical**

TESTS

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

MISCELLANEOUS

**Voltage:** 300V<sub>RMS</sub>  
**Temperature:** -20°C to 105°C  
**Put Ups:** Bulk, May Contain Multiple Lengths Per Reel  
**Reel:** Wood or Plastic  
**Print:** None  
**Colors:** Munsell® Component Limits of Deviation

ENVIRONMENTAL

**RoHS Directive:** European Directive 2011/65/EU

APPROVALS

**Final Product:** None



**Rev B** Conductors Were 26 AWG, Now 28 AWG; OD Was 0.375 Nominal, Now 0.365 Nominal MC 4/26/17  
**Rev A** Removed PTFE Binder; Added Al/My Shield MC 7/31/14

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

Prepared By: Mike Cother

**Customer Approval:**

Date: 7/22/2014

Title: \_\_\_\_\_

Configuration Code: 1136122

Date: \_\_\_\_\_

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