



Coast™ Custom Cable

Tel: (800) 514-8473 E-mail: coast@alphawire.com

Distributor Name: **IEWC**

End Use Customer: **Profound Medical**

IP Owner: **Profound Medical**

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

Revision: **C**

Customer P/N: **103597**

Customer Revision: **C**

Cable Specification

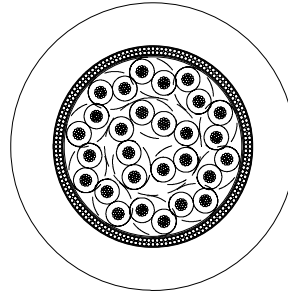
28/C 28 AWG (13 PR) Shielded Cable

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 Blue/White Paired With White/Blue
#2 Orange/White Paired With White/Orange
#3 Green/White Paired With White/Green
#4 Brown/White Paired With White/Brown
#5 Gray/White Paired With White/Gray
#6 Blue/Red Paired With Red/Blue
#7 Orange/Red Paired With Red/Orange
#8 Green/Red Paired With Red/Green
#9 Brown/Red Paired With Red/Brown
#10 Gray/Red Paired With Red/Gray
#11 Blue/Black Paired With Black/Blue
#12 Orange/Black Paired With Black/Orange
#13 Green/Black Paired With Black/Green



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_{RMS}
Temperature: -20°C to 105°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

Rev C	Twisted Pair Color Code Now Chart M (Solids w/Stripes): Updated Customer PN	MC 10/5/17
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

Dimensions in inches unless otherwise specified

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

Prepared By: Mike Cother

Date: 7/22/2014

Customer Approval:

Title:

Date:

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