



### Coast™ Custom Cable

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

Distributor Name: IEWC

End Use Customer: Auris Robotics

IP Owner: Auris Robotics

Part Number: 15-2230RC WH199

Revision: C

Customer P/N: N/A

Customer Revision: N/A

## Cable Specification

### 6/C Composite Shielded Cable

#### CONDUCTORS

**Wire Size & Type:** 18 AWG (7x59/44) Bare Copper  
**Nom. Wire Diameter:** 0.052  
**Insulation Type:** Santoprene TPR  
**Nom. Ins Thickness:** 0.009  
**Conductor Diameter:** 0.070  
**Tolerance (+/-):** 0.002  
**Colors:** #1 Black  
                  #2 Red  
                  #3 Green  
                  #4 White

#### CONDUCTORS

**Wire Size & Type:** 26 AWG (65/44) Bare Copper  
**Nom. Wire Diameter:** 0.019  
**Insulation Type:** Santoprene TPR  
**Nom. Ins Thickness:** 0.009  
**Conductor Diameter:** 0.037  
**Tolerance (+/-):** 0.002  
**Colors:** #1 Orange  
                  #2 Blue

#### ASSEMBLY

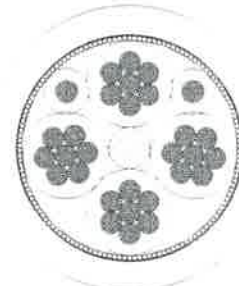
**Core Cabling:** 4/C 18 AWG + 2/C 26 AWG Cabled Around Filler  
**Filler:** Fiberglass (Center)

#### SHIELD

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

#### JACKET Will Show Convolutions/Underlying Wire Forms

**Material Type:** Standard White Santoprene TPR, 65A Shore  
**Separator:** Tissue Paper  
**Nom. Jkt Thickness:** 0.024  
**Nominal Diameter:** 0.230                      **Max. Diameter:** 0.238



#### TESTS

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

#### MISCELLANEOUS

**Voltage:** 300V<sub>RMS</sub>  
**Temperature:** -40°C to 135°C  
**Put Ups:** Bulk, May Contain Multiple Lengths Per Spool  
**Reel:** Wood or Plastic  
**Weight:** TBD  
**Print:** None

#### APPROVALS

No Agency Approvals



Rev C	Increased Insulation Walls From 8 mils to 9 mils; Changed Core Cabling To 4/C 18 AWG + 2/C 26 AWG Cabled Around Filler; Filler Was Polypropylene, Now Fiberglass; Separator Was PTFE, Now Tissue Paper; OD Was 0.213, Now 0.230	MC 7/29/16
Rev B	18 AWG Was 41/34 TC, Now 7x59/44 BC; 26 AWG Was TC, Now BC; Insulation Was FEP, Now TPR; Jacket Was Gray Silicone, Now White TPR; OD Was 0.195, Now 0.213	MSH 5/4/16
Rev A	Increased Insulation Walls From 5 mils to 6 mils To Meet 300V Rating; OD Was 0.190, Now 0.195	MSH 1/6/16

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

Prepared By: Michael S. Howard

Date: 12/16/2015

Configuration Code: 1026232

**Customer Approval:**

Title:

Date:

*[Signature]*  
 Title: *SM EE*  
 Date: *8/2/2016*

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