



From AlphaWire

### Coast™ Custom Cable

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

Part Number: **15-2230**

Revision: **B**

Customer Name: **IEWC**  
End Use Customer: **Auris Robotics**

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  
**Spark Test:** 2500V  
**Insulation Type:** TPR  
**Nom. Ins Thickness:** 0.008  
**Conductor Diameter: 0.068**  
**Tolerance (+/-):** 0.002  
**Colors:** #1 Black  
          #2 Red  
          #3 White  
          #4 Green

#### CONDUCTORS

**Wire Size & Type:** 26 AWG (65/44) Bare Copper  
**Nom. Wire Diameter:** 0.019  
**Spark Test:** 2500V  
**Insulation Type:** TPR  
**Nom. Ins Thickness:** 0.008  
**Conductor Diameter: 0.035**  
**Tolerance (+/-):** 0.002  
**Colors:** #5 Orange  
          #6 Blue

#### ASSEMBLY

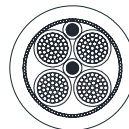
**Core Cabling:** 6/C Cabled  
**Filler:** White or Gray Fibrillated Polypropylene as/IF required for uniform round construction.

#### SHIELD

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

#### JACKET

**Material Type:** Tubed White TPR 65 A Shore  
**Separator:** PTFE Tape  
**Nom. Jkt Thickness:** 0.020  
**Cable Diameter: 0.217**  
**Tolerance (+/-):** 0.008



#### TESTS

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

#### MISCELLANEOUS

**Voltage:** 300V  
**Put Ups:** Bulk  
**Reel:** Wood or Plastic  
**Weight:** TBD  
**Print:** None

#### APPROVALS

**UL/CSA:** None



<b>Revision B</b>	Changed stranding and copper to Bare copper	MSH 5/4/2016
<b>Revision A</b>	Increase insulation to meet 300V	MSH 1/6/2016
<b>UNCONTROLLED COPY</b>	<b>Dimensions in inches unless otherwise specified</b>	<b>UNCONTROLLED COPY</b>
	.XXX = +/- .005    .XX = +/- .02    .X = +/- .1	

**Prepared By:** Michael S. Howard

**Customer Approval:** \_\_\_\_\_

**Date:** 5/4/2016

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

**Configuration Code:** 2526232

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

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