



### Coast™ Custom Cable

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

Part Number: **16-2125**

Revision: **None**

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

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

## Cable Specification

### 6/C 18 AWG Shielded Cable

#### CONDUCTORS

**Wire Size & Type:** 18 AWG (16/30) Tinned Copper  
**Nom. Wire Diameter:** 0.046  
**Spark Test:** 2500V  
**Insulation Type:** PVC  
**Nom. Ins Thickness:** 0.016  
**Conductor Diameter: 0.078**  
**Tolerance (+/-):** 0.002  
**Colors:** #1 Black #4 Green  
#2 Red #5 Orange  
#3 White #6 Blue

#### ASSEMBLY

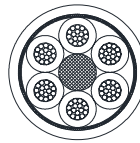
**Core Cabling:** 6/C Cabled  
**Filler:** White or Gray Fibrillated Polypropylene as required for uniform round construction.  
**Binder:** Clear Mylar (100% Coverage, 25% Min. Overlap)

#### SHIELD

**Type:** Spiral  
**Material:** Tinned Copper  
**Required Coverage:** 95% minimum  
**AWG:** #38

#### JACKET

**Material Type:** Slate PVC  
**Separator:** None  
**Nom. Jkt Thickness:** 0.020  
**Cable Diameter: 0.287**  
**Tolerance (+/-):** 0.008



#### TESTS

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

#### MISCELLANEOUS

**Voltage:** 300V  
**Temperature:** -20°C to + 80°C  
**Put Ups:** 100 FT.  
**Reel:** Wood or Plastic  
**Weight:** TBD



#### APPROVALS

**UL:** 1) UL  
a) Component 1 AWM/STYLE 1007 80°C / 300V RMS  
b) Overall AWM/STYLE 2095 80°C / 300V RMS

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

Prepared By: Michael S. Howard

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

Date: 7/3/2016

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

Configuration Code: **2126122**

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

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