



**Coast™ Custom Cable**

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

Distributor Name: **Anixter**

End Use Customer: **Auris Robotics**

IP Owner: **Auris Robotics**

Part Number: **16-2530RD SL199**

Revision: **D**

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

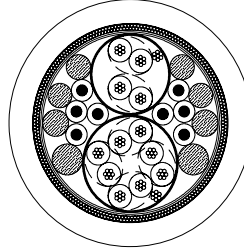
Customer Revision: **N/A**

**Cable Specification**

**20/C Complex Shielded Cable**

**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 Black  
#2 Red  
#3 Yellow  
#4 Violet  
#5 Gray  
#6 White  
#7 Orange  
#8 Blue



**COMPONENT**

Description: 4 PR 26 AWG Shielded Cat5e Type Sub-Cable (1 Req'd)  
Nominal Diameter: **0.163**  
Part Number: **16-2530A NC199**

**COMPONENT**

Description: 2 PR 26 AWG Shielded EtherCAT Type Sub-Cable (1 Req'd)  
Nominal Diameter: **0.136**  
Part Number: **16-2530B NC199**

**ASSEMBLY**

Core Cabling: (2) Component Ethernet Type Sub-Cables + 8/C 26 AWG Cabled  
Filler: Fiberglass as required for uniform round construction.  
Binder: Regular PTFE Tape (100% Coverage, 25% Min. Overlap)

**SHIELD**

Type: Double Spiral  
Material: Tinned Copper  
Required Coverage: 90% minimum  
AWG: #36

**JACKET Smooth and Round**

Material Type: Gray Pantone 430U Matte Polyurethane Estane 58202  
Separator: Tissue Paper  
Nom. Jkt Thickness: 0.040  
Cable Diameter: **0.415**  
Tolerance (+/-): 0.015

**TESTS**

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

**MISCELLANEOUS**

Voltage: 300V<sub>RMS</sub>  
Temperature: -10°C to 80°C  
Put Ups: Bulk, May Contain Multiple Lengths Per Reel  
Reel: Wood  
Weight: TBD  
Print: None

**APPROVALS**

No Agency Approvals



<b>Rev D</b>	Added Two 26 AWG Conductors, Now 20/C Complex Cable; Jacket Was "Frost" White, Now Pantone Gray 430U	MC 11/1/16
<b>Rev C</b>	Added Four 26 AWG Conductors, Now 18/C Complex Cable; Jacket Was PVC, Now Polyurethane	MC 10/20/16
<b>Rev B</b>	Was 18/C, Now 14/C; Was Two Component Sub-Cables 16-2530A NC199; Now One Component Sub-Cable 16-2530A NC199 and One Component Sub-Cable 16-2530B NC199; OD Was 0.455, Now 0.415	MC 10/13/16
<b>Rev A</b>	Component Sub-Cable Was 7602F, Now 16-2530A NC199; OD Was 0.870, Now 0.455	MC 9/27/16

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

Prepared By: Mike Cother

Date: 9/15/2016

Configuration Code: **0026442**

**Customer Approval:**

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

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

**PROPRIETARY NOTICE**

This document and any other data disclosed herein is the sole property of Alpha Wire and may not be reproduced, used or disclosed in part or in whole without the written consent of Alpha Wire. Please note that Alpha Wire does not warrant the specifications or designs developed with regard to Form, Fit, or Functionality for any specific end use application, and that the suitability of such and any future liability associated with the manufactured items is the sole responsibility of the end user.