Coast™ Custom Cable

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

1 (262) 957-5663

Customer Name: **IEWC**

End Use Customer: **Sandia National Labs**

Part Number: **16-1423**

Revision: **A**

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

Customer Revision: **N/A**

Cable Specification

6/C 24 AWG (3 PR) Shielded Cable

CONDUCTORS
Description: Mil-W-16878/4 (Type E) High Temperature Hook-Up Wire, 24 AWG SPC, TFE Teflon Insulated
600V, 200°C M16878/4 BEE

Min.-Max. Diameter: 0.040-0.048

Colors: SEE TWISTED PAIRS

SUB-ASSEMBLY Twisted Pairs (3 Req'd)
Colors: #1 White Paired With Slate
#2 Red Paired With Brown
#3 Yellow Paired With Green

ASSEMBLY
Core Cabling: (3) Pairs Cabled

Filler: Blue FR Fibrillated Polypropylene as required for uniform round construction.

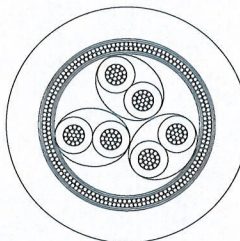**Binder:** Clear Mylar (100% Coverage, 25% Min. Overlap)

SHIELD
Type: Braid

Material: Tinned Copper

Required Coverage: 85% minimum

AWG: #36

BINDER
Type: Clear Mylar (100% Coverage, 25% Min. Overlap)

JACKET
Material Type: Black Glossy Polyurethane

Separator: None

Nom. Jkt Thickness: 0.038

Cable Diameter: 0.281

Tolerance (+/-): 0.012

MISCELLANEOUS
Voltage: 600V$_{RMS}$

Temperature: -40°C to 90°C

Put Ups: Bulk

Reel: Wood or Plastic

Weight: TBD

Print: None

TESTS
Test 1: Continuity

Test 2: Shorts

Test 3: Physical/Dimensional

RoHS

APPROVALS
UL/CSA: None

Revision A	Removed one twisted pair	MSH 3/21/2016
UNCONTROLLED COPY	Dimensions in inches unless otherwise specified	UNCONTROLLED COPY
	.XXX = +/-.005 .XX = +/- .02 .X = +/- .1	

Prepared By: Michael S. Howard

Date: 3/11/2016

Configuration Code: 0037422

Customer Approval:

Title:

Date: 3/24/16