



From AlphaWire

### Coast™ Custom Cable

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

Part Number: **16-1370**

Revision: **A**

Customer Name: **IEWC China**  
End Use Customer: **Huayi Beijing**

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

## Cable Specification

### 36/C 24 AWG Shielded Cable

#### CONDUCTORS (36) Conductors

**Wire Size & Type:** 24 AWG (19/36) Tinned Copper  
**Nom. Wire Diameter:** 0.025  
**Insulation Type:** PVC  
**Nom. Ins Thickness:** 0.016  
**Conductor Diameter:** **0.057**  
**Tolerance (+/-):** 0.002  
**Colors:** Alpha Color Code "A"

#### SUB-ASSEMBLY (18) Twisted Pairs

**Nom. Diameter:** 0.114  
**Nom. Lay Length:** 1.11  
**Lay Direction:** Left  
**Colors:** Alpha Color Code "A"

#### ASSEMBLY

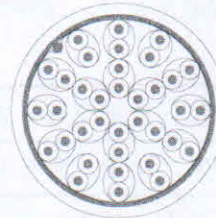
**Core Cabling:** (18) 24 AWG Twisted Pairs Cabled  
**Binder:** Clear Mylar Tape Barrier (100% Coverage, 25% Min. Overlap)  
**Drain:** 24 AWG (19/36) Tinned Copper

#### SHIELD

**Type:** Braid  
**Material:** Tinned Copper  
**Required Coverage:** 90% minimum  
**AWG:** #36  
**Diameter over shield:** 0.554

#### JACKET

**Material Type:** Slate (Gray) PVC  
**Separator:** None  
**Nom. Jkt Thickness:** 0.032  
**Cable Diameter:** **0.618**  
**Tolerance (+/-):** 0.020



#### TESTS

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

#### MISCELLANEOUS

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

#### APPROVALS

**UL/CSA:** 1) UL  
a) Component 1      AWM/STYLE 1569      105°C / 300V RMS  
b) Overall            AWM/STYLE 2661      105°C / 300V RMS



|   |  |                          |
|---|--|--------------------------|
| <b>Revision A</b>   | Added Color Gray as it's the same as Slate, Added UL's and Twist per inch. | MSH 3/8/2016             |
| <b>UNCONTROLLED COPY</b>  | <b>Dimensions in inches unless otherwise specified</b>                     | <b>UNCONTROLLED COPY</b> |
|   | .XXX = +/- .005    .XX = +/- .02    .X = +/- .1                            |                          |
| <b>Prepared By:</b> Michael S. Howard   | <b>Customer Approval:</b>  |                          |
| <b>Date:</b> 3/8/2016   | <b>Title:</b>  |                          |
| <b>Configuration Code:</b> 2136122  | <b>Date:</b> 2016.3.10   |                          |
| <b>PROPRIETARY NOTICE</b>   |  |                          |
| 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. |  |                          |