

# Coast Wire & Plastic Tech., Inc.

A LATSHAW ENTERPRISE  
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METACLAS P/N: 81-81514270

Revision: None  
CWPT Part Number: 07-0538  
Revision: None  
ECO Number None

## Cable Specification

### Cable, 16/C 24 AWG Shielded

#### CONDUCTOR 24 AWG (8) Twisted Pairs

**Wire Size & Type:** 24 AWG (7/32) Tinned Copper, 10-0100-80  
**Nom. Wire Diameter:** 0.024  
**Spark Test:** 6000V  
**Insulation Type:** SR-PVC 105C 600V  
**Nom. Ins Thickness:** 0.010  
**Conductor Diameter:** **0.044**  
**Tolerance (+/-):** .002"  
**Colors:** See Color Chart

#### ASSEMBLY

**Core Cabling:** 8/TP's Cabled  
**Nom. Diameter:** 0.251  
**Nom. Lay Length:** 2.96  
**Lay Direction:** Left  
**Drain:** 24 AWG (7/32) Tinned Copper, 10-0100-80  
**Shield:** Aluminum/Polyester (100% Coverage, 25% Min. Overlap, Foil facing Inward), 20-0350-05



#### ARMOR SHIELD

**Type:** Braid  
**Material:** Tinned Copper  
**Required Coverage:** 90% Minimum  
**Actual Coverage:** 93.32%  
**AWG:** #36, 10-0100-12  
**Diameter over shield:** 0.271

#### JACKET

**Material Type:** Gray Glossy PVC, 80C, 81A.  
**Nom. Jkt Thickness:** 0.032  
**Cable Diameter:** **0.335**  
**Tolerance (+/-):** .012"  
**Print:** Ink Color Ink Jet Black  
**Legend:** E64207  AWM STYLE 2464 80°C 300V 20/27C -- RoHS -- LL58231 CSA AWM I/II A/B 80°C 300V FT1

#### TESTS

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

#### MISCELLANEOUS

**Put Ups:** 2,500 on 24" Reel  
**Reel:** Wood 14 lbs.  
**Weight:** 195 lbs/2,500 ft.  
**Total Weight:** 209 LBS.

#### APPROVALS

**Singles:** UL 1061 (80C, 300V)  
**Final Product:** UL 2464 (80C, 300V)

**Drawn By:** Michael S. Howard  
**Title:** Mgr. Engineering  
**Date:** 10/08/2007

**Checked By:** \_\_\_\_\_  
**Title:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

**Approved By:** \_\_\_\_\_  
**Title:** \_\_\_\_\_  
**Date:** \_\_\_\_\_