

# Coast Wire & Plastic Tech., Inc.

METACLAS P/N: 81-81513870

A LATSHAW ENTERPRISE  
1048 BURGROVE ST.  
CARSON, CA 90746

Revision: A  
CWPT Part Number: 07-0537  
Revision: A  
ECO Number None

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## Cable Specification

### Cable, 8/C 24 AWG Shielded (4TP)

#### CONDUCTOR 24 AWG 4 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 300Volts 80C, UL 1061\*

**Nom. Ins Thickness:** 0.010

**Conductor Diameter: 0.044**

**Tolerance (+/-):** .002"

**Colors:** #1 White Paired With Black

#2 White Paired With Brown

#3 White Paired With Red

#4 White Paired With Orange

#### ASSEMBLY

**Core Cabling:** 4/TP's Cabled

**Nom. Diameter: 0.190**

**Nom. Lay Length:** 2.22

**Lay Direction:** Left

**Filler:** Blue fibrillated polypropylene shall be used as required to form a uniform round construction

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

#### ARMOR SHIELD

**Type:** Braid

**Material:** Tinned Copper

**Required Coverage:** 90% Minimum

**Actual Coverage:** 91.41%

**AWG:** #36, 10-0100-12

**Diameter over shield:** 0.210

#### JACKET

**Material Type:** Gray Glossy PVC, 80C, 81A. \*\*

**Nom. Jkt Thickness:** 0.032

**Cable Diameter: 0.273**

**Tolerance (+/-):** .010"

**Print:** Ink Color Ink Jet Black

**Legend:** E64207  AWM STYLE 2464 80°C 300V 24/8C -- 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:** 3,000 on 24" Reel

**Reel:** Wood 14 lbs.

**Weight:** 141 lbs/3,000 ft.

#### APPROVALS

**Singles:** UL 1061 (80C, 300V), CSA

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

\* Wire also meets MIL-W-16878, rated 600 volts, +105C

\*\* Jacket material is military rated for 105C, meets MIL-I-631, Type F



**Drawn By:** Michael S. Howard **Checked By:** \_\_\_\_\_

**Approved By:** \_\_\_\_\_

**Title:** Mgr. Engineering **Title:** \_\_\_\_\_

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

**Date:** 10/08/2007 **Date:** \_\_\_\_\_

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