

# Coast Wire & Plastic Tech., Inc.

A LATSHAW ENTERPRISE  
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METACLAS P/N: 81-81512570

Revision: None  
CWPT Part Number: 07-0607  
Revision: None  
ECO Number None

## Cable Specification

### Cable, 12/C 24 AWG Shielded

#### CONDUCTOR 24 AWG 6 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, 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  
#5 White Paired With Yellow  
#6 White Paired With Green

#### ASSEMBLY

Core Cabling: f + 6 TP's Cabled

Nom. Diameter: **0.240**

Nom. Lay Length: 2.88

Lay Direction: Left

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

#### ARMOR SHIELD

Type: Braid

Material: Tinned Copper

Required Coverage: 90% Minimum

Actual Coverage: 94.40%

AWG: #36, 10-0100-12

Diameter over shield: 0.260

#### JACKET


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

Nom. Jkt Thickness: 0.032

Cable Diameter: **0.325**

Tolerance (+/-): .012"

Print: Ink Color Ink Jet Black

Legend: E64207  AWM STYLE 2464 80°C 300V 24/12C -- 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: 155 lbs/2,500 ft.

#### APPROVALS

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

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

\* Wire material 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

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Date: 10/30/2007

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