

Coast Wire & Plastic Tech., Inc.

A LATSHAW ENTERPRISE
1048 BURGROVE ST.
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METACLAS P/N: **81-81513570**

Revision: A
CWPT Part Number: **07-0483**
Revision: A
ECO Number **None**

Cable Specification

Cable, 10/C 24 AWG Shielded (5TP)

CONDUCTOR 24 AWG 5 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 300 Volts 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
#5 White Paired With Yellow

ASSEMBLY


Core Cabling: f + 5 TP's Cabled
Nom. Diameter: 0.211
Nom. Lay Length: 2.58
Lay Direction: Left
Filler: White fibrillated polypropylene for roundness

ARMOR SHIELD

Type: Braid
Material: Tinned Copper
Required Coverage: 90% Minimum
Actual Coverage: 90.39%
AWG: #36, 10-0100-12
Diameter over shield: 0.231

JACKET

Material Type: Gray Glossy PVC, 80C, 81A. **
Nom. Jkt Thickness: 0.039
Cable Diameter: **0.312**
Tolerance (+/-): .012"

Print: Ink Color Ink Jet Black
Legend: E64207  AWM STYLE 2464 80°C 300V 24/10C -- 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: 162 lbs/3,000 plus reel

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

Title: Mgr. Engineering

Date: 09/21/2007

Checked By: _____

Title: _____

Date: _____

Approved By: _____

Title: _____

Date: _____