

Coast Wire & Plastic Tech., Inc.

A LATSHAW ENTERPRISE
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METACLAS P/N: 81-81513770

Revision: None
CWPT Part Number: 07-0152
Revision: None
ECO Number: None

Cable Specification

Cable, 24/C 24 AWG Shielded (12TP)

CONDUCTORS

Wire Size & Type: 24 AWG (7/32) Tinned Copper

Nom. Wire Diameter: 0.024

Insulation Type: SR-PVC

Nom. Ins Thickness: 0.010

Conductor Diameter: **0.044**

Tolerance (+/-): 0.002"

Colors: #1 White P/W Black	#7 White P/W Blue
#2 White P/W Brown	#8 White P/W Violet
#3 White P/W Red	#9 White P/W Gray
#4 White P/W Orange	#10 Black P/W Brown
#5 White P/W Yellow	#11 Black P/W Red
#6 White P/W Green	#12 Black P/W Orange

Pairs Lay Length: 1.0" Nominal

ASSEMBLY

Cabling: 12 Twisted Pairs Cabled

Lay Up: Filler + 3 + 9

Nom. Diameter: **0.303**

Nom. Lay Length: 3.59

Lay Direction: Left

Filler: Blue fibrillated polypropylene required for roundness.

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

SHIELD

Type: Braid

Material: Tinned Copper

Required Coverage: 90% Minimum

Actual Coverage: 90.04%

AWG: #36, 10-0100-12

Diameter over shield: 0.323

JACKET

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


Separator: 0.001" Tissue Paper

Nom. Jkt Thickness: 0.032

Cable Diameter: **0.390**

Tolerance (+/-): 0.014"

Print: Ink Color Ink Jet Black

Legend: E64207  AWM 2464 80°C 300V VW-1 24/12TP --- CSA AWM I A/B 80°C 300V FT1 LL58231

TESTS

Test 1: Continuity

Test 2: Shorts

Test 3: Physical/Dimensional

MISCELLANEOUS

Put Ups: Bulk

Reel: Wood

APPROVALS

Singles: UL 1061 (80C, 300V)

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



Drawn By: *Mike Schlie*

Checked By: *Jose Quinones*

Approved By: _____

Title: Process Engineer

Title: Process Engineer

Title: _____

Date: 04/03/2007

Date: 07/03/2007

Date: _____