

Coast Wire & Plastic Tech., Inc.

A LATSHAW ENTERPRISE
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METACLAS P/N: 81-81508970

Revision: None
CWPT Part Number: 07-0154
Revision: None
ECO Number: None

Cable Specification

Cable, 38/C 24 AWG Shielded (19TP)

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	#8 White P/W Violet	#14 Black P/W Green
#2 White P/W Brown	#9 White P/W Gray	#15 Black P/W Blue
#3 White P/W Red	#10 Black P/W Brown	#16 Black P/W Violet
#4 White P/W Orange	#11 Black P/W Red	#17 Black P/W Gray
#5 White P/W Yellow	#12 Black P/W Orange	#18 Brown P/W Red
#6 White P/W Green	#13 Black P/W Yellow	#19 Brown P/W Orange
#7 White P/W Blue		

Pairs Lay Length: 1.0" Nominal

ASSEMBLY

Cabling: 19 Twisted Pairs Cabled

Lay Up: 1 + 6 + 12

Nom. Diameter: **0.356**

Nom. Lay Length: 4.22

Lay Direction: Left

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

SHIELD

Type: Braid

Material: Tinned Copper

Required Coverage: 90% Minimum

Actual Coverage: 90.05%

AWG: #36, 10-0100-12

Diameter over shield: 0.376

JACKET

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

Separator: 0.001" Tissue Paper

Nom. Jkt Thickness: 0.043

Cable Diameter: **0.465**

Tolerance (+/-): 0.018"

Print: Ink Color Ink Jet Black

Legend: E64207  AWM 2464 80°C 300V VW-1 24/19TP --- 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*

Title: Process Engineer

Date: 04/04/2007

Checked By: *Jose Quinones*

Title: Process Engineer

Date: 07/03/2007

Approved By: _____

Title: _____

Date: _____