

Coast Wire & Plastic Tech., Inc.

METACLAS P/N: 81-82369170

A LATSHAW ENTERPRISE
1048 BURGROVE ST.
CARSON, CA 90746

Revision: None
CWPT Part Number: 07-0155
Revision: None
ECO Number: None

(310) 639-9473 Phone

(310) 763-2225 Fax

Cable Specification

Cable, 37/C 18 AWG Shielded

CONDUCTORS

Wire Size & Type: 18 AWG (19/30) Tinned Copper

Nom. Wire Diameter: 0.050

Insulation Type: PVC, 105C, 72C

Nom. Ins Thickness: 0.016

Conductor Diameter: **0.082**

Tolerance (+/-): 0.002"

Colors:

#1 Black	#10 White	#19 White/Gray	#28 White/Brown/Red
#2 Brown	#11 White/Black	#20 White/Black/Brown	#29 White/Brown/Orange
#3 Red	#12 White/Brown	#21 White/Black/Red	#30 White/Brown/Yellow
#4 Orange	#13 White/Red	#22 White/Black/Orange	#31 White/Brown/Green
#5 Yellow	#14 White/Orange	#23 White/Black/Yellow	#32 White/Brown/Blue
#6 Green	#15 White/Yellow	#24 White/Black/Green	#33 White/Brown/Violet
#7 Blue	#16 White/Green	#25 White/Black/Blue	#34 White/Brown/Gray
#8 Violet	#17 White/Blue	#26 White/Black/Violet	#35 White/Red/Orange
#9 Gray	#18 White/Violet	#27 White/Black/Gray	#36 White/Red/Yellow
			#37 White/Red/Green

ASSEMBLY

Layer: 1st	2nd	Outer Layer
Cabling: 7/C Cabled	19/C Cabled	37/C Cabled
Lay Up: 1 + 6	1 + 6 + 12	1 + 6 + 12 + 18
Nom. Diameter: 0.246	0.410	0.578
Lay Length: 2.95	4.92	6.89
Lay Direction: Left	Right	Left

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

SHIELD

Type: Braid

Material: Tinned Copper

Required Coverage: 90% Minimum

Actual Coverage: 90.31%

AWG: #34, 10-0100-14

Diameter over shield: 0.603

JACKET


Material Type: Tubed Black Glossy PVC, 105C, 80A.

Nom. Jkt Thickness: 0.064

Cable Diameter: **0.730**

Tolerance (+/-): 0.028"

Print: Ink Color Ink Jet White

Legend: E64207  AWM 2343 80°C 18/37C --- CSA AWM I/II A/B 90°C 300V FT1 LL58231



TESTS

Test 1: Continuity

Test 2: Shorts

Test 3: Physical/Dimensional

MISCELLANEOUS

Put Ups: Bulk

Reel: Wood

APPROVALS

Singles: UL 1569 (105C, 300V)

Final Product: UL 2343 (80C), CSA

Drawn By: *Mike Schlie*

Checked By: *Jose Quinones*

Approved By: _____

Title: Process Engineer

Title: Process Engineer

Title: _____

Date: 04/05/2007

Date: 07/03/2007

Date: _____