

Coast Wire & Plastic Tech., Inc.

METACLAS P/N: 81-79271170

A LATSHAW ENTERPRISE
1048 BURGROVE ST.
CARSON, CA 90746

Revision: None
CWPT Part Number: 07-0160
Revision: None
ECO Number: None

(310) 639-9473 Phone

(310) 763-2225 Fax

Cable Specification

Cable, 27/C 20 AWG Shielded

CONDUCTORS

Wire Size & Type: 20 AWG (19/32) Tinned Copper

Nom. Wire Diameter: 0.040

Insulation Type: SR-PVC

Nom. Ins Thickness: 0.010

Conductor Diameter: **0.059**

Tolerance (+/-): 0.002"

Colors:

#1 Black	#7 Blue	#13 White/Red	#20 White/Black/Brown
#2 Brown	#8 Violet	#14 White/Orange	#21 White/Black/Red
#3 Red	#9 Gray	#15 White/Yellow	#22 White/Black/Orange
#4 Orange	#10 White	#16 White/Green	#23 White/Black/Yellow
#5 Yellow	#11 White/Black	#17 White/Blue	#24 White/Black/Green
#6 Green	#12 White/Brown	#18 White/Violet	#25 White/Black/Blue
		#19 White/Gray	#26 White/Black/Violet
			#27 White/Black/Gray

ASSEMBLY

Layer: 1st	2nd layer	Outer Layer
Cabling: 3/C Cabled	12/C Cabled	27/C Planetary Cabled
Lay Up: 3	3 + 9	3 + 9 + 15
Nom. Diameter: 0.127	0.245	0.367
Lay Length: 1.52	2.94	4.25
Lay Direction: Right	Left	Right

Overall 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: 0.387

JACKET

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


Separator: None

Nom. Jkt Thickness: 0.034

Cable Diameter: **0.455**

Tolerance (+/-): 0.016"

Print: Ink Color Ink Jet White

Legend: E64207  AWM 2464 80°C 300V VW-1 20/27C --- 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: 04/09/2007

Date: 07/03/2007

Date: _____