

Coast Wire & Plastic Tech., Inc.

A LATSHAW ENTERPRISE
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METACLAS P/N: 81-79276570

Revision: A
CWPT Part Number: 07-0482
Revision: A
ECO Number None

Cable Specification

Cable, 4/C 18 AWG Shielded

CONDUCTOR 18 AWG

Wire Size & Type: 18 AWG (19/30) Tinned Copper, 10-0100-137
Nom. Wire Diameter: 0.050
Spark Test: 6000V
Insulation Type: SR-PVC 300 Volts 80C, UL 1061*
Nom. Ins Thickness: 0.010
Conductor Diameter: 0.070
Tolerance (+/-): .003"
Colors: #1 Black
 #2 Brown
 #3 Red
 #4 Orange


ASSEMBLY

Core Cabling: 4/C cabled
Nom. Diameter: 0.169
Nom. Lay Length: 2.06
Lay Direction: Left

ARMOR SHIELD

Type: Braid
Material: Tinned Copper
Required Coverage: 90% Minimum
Actual Coverage: 96.30%
AWG: #36 10-0100-12
Diameter over shield: 0.189

JACKET

Material Type: Gray Glossy PVC, 80C, 81A. **
Nom. Jkt Thickness: 0.040
Cable Diameter: 0.271
Tolerance (+/-): .009"
Print: Ink Color Ink Jet Black
Legend: E64207  AWM STYLE 2464 80°C 300V 18/4C -- 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: 4,000 on 24" Reel
Reel: Wood 14 lbs.
Weight: 182 lbs/4,000 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 **Checked By:** _____
Title: Mgr. Engineering **Title:** _____
Date: 09/20/2007 **Date:** _____

Approved By: _____
Title: _____
Date: _____