

Coast Wire & Plastic Tech., Inc.

A LATSHAW ENTERPRISE
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METACLAS P/N: **81-792782-70**

CWPT P/N: **10-0510**

Revision: **None**

Customer Name: **MC Electronics**

Alpha P/N: **5549/12**

Preliminary Cable Specification

Cable, 12/C 14 AWG Double Shielded

CONDUCTORS

Wire Size & Type: 14 AWG (41/30) Tinned Copper, 10-0100-154

Nom. Wire Diameter: 0.074

Insulation Type: PVC, 60-0600-35

Nom. Ins Thickness: 0.032

Conductor Diameter: **0.138**

Tolerance (+/-): 0.006

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

ASSEMBLY

Core Cabling: 12/C Cabled

Lay Up: 3 + 9

Filler: Blue Fibrillated Polypropylene **IF** required for uniform round construction

Drain: 14 AWG(41/30) Tinned Copper, 10-0100-154 (Touching Foil, Conductor Side)

Shield: Aluminum/Mylar/Aluminum (100% Coverage, 25% Min. Overlap)

SHIELD

Type: Braid

Material: Tinned Copper

Required Coverage: 65% minimum

Visual Coverage: 72.55%

AWG: #34, 10-0100-14

JACKET

Material Type: Gray PVC, 60-0600-43


Rip Cord: Nylon

Nom. Jkt Thickness: 0.083

Cable Diameter: **0.770**

Tolerance (+/-): 0.030

Print: Ink Color Black

Legend: E64207  AWM STYLE 2501 105°C 600V 14/12C --- RoHS --- LL58231 CSA AWM I/II A/B 105°C 600V FT1

TESTS

Test 1: Continuity

Test 2: Shorts

Test 3: Physical/Dimensional

MISCELLANEOUS

Put Ups: Bulk

Reel: Wood or Plastic

Weight: TBD

APPROVALS

Singles: UL 1015 (105°C, 600V)

Final Product: UL 2501 (105°C, 600V)



UNCONTROLLED COPY	Dimensions in inches unless otherwise specified	UNCONTROLLED COPY
	.XXX = +/- .005 .XX = +/- .02 .X = +/- .1	

Prepared By: Mike Cother

Date: 7/13/2010

Customer Approval:

Title: _____

Date: _____

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