

Coast Wire & Plastic Tech., Inc.

A LATSHAW ENTERPRISE
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CWPT Part Number: **11-0193**

Revision: **None**

ECO Number: **None**

Customer Name: **None**

Belden P/N: **8105**

Preliminary Cable Specification

Cable, 10/C 24 AWG Shielded (5 TP's)

CONDUCTORS

Wire Size & Type: 24 AWG (7/32) Tinned Copper, 10-0100-80

Nom. Wire Diameter: 0.024

UL: 1598 (80°C, 30V)

Insulation Type: Foam Polyethylene, 60-0700-02

Nom. Ins Thickness: 0.010

Conductor Diameter: **0.044**

Tolerance (+/-): 0.002

SUB-ASSEMBLY Twisted Pairs

Colors: #1 WHITE/BLUE P/W BLUE/WHITE

#2 WHITE/ORANGE P/W ORANGE/WHITE

#3 WHITE/GREEN P/W GREEN/WHITE

#4 WHITE/BROWN P/W BROWN/WHITE

#5 WHITE/GRAY P/W GRAY/WHITE

ASSEMBLY

Core Cabling: (5) 24 AWG Twisted Pairs Cabled

Lay Up: f + 5

Filler: Blue Fibrillated Polypropylene as required for uniform round construction.

Shield: Aluminum/Mylar (100% Coverage, 25% Min. Overlap, Foil Facing **OUT**)

Drain: 24 AWG (7/32) Tinned Copper, 10-0100-80 (Between Foil and Shield)

SHIELD

Type: Braid

Material: Tinned Copper

Required Coverage: 65% minimum

Visual Coverage: 73.9%

AWG: #36, 10-0100-12

JACKET

Material Type: Gray PVC, 105°C, 60-0600-43

Separator: None

Nom. Jkt Thickness: 0.032

Cable Diameter: **0.300**

Tolerance (+/-): 0.010

Print: Ink Color Black

Legend: E64207  AWM STYLE 2919 80°C 30V 24/5PR --- RoHS

Note: Specification based on Belden specification P/N: 8105.

TESTS

Test 1: Continuity

Test 2: Shorts

Test 3: Physical/Dimensional

MISCELLANEOUS

Put Ups: Bulk

Reel: Wood or Plastic

Weight: TBD

APPROVALS

Final Product: UL2919 (80°C, 30V)



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

Prepared By: Mike Cother

Date: 2/23/2011

Customer Approval:

Title: _____

Date: _____

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