



Cable Specification

10/C 24 AWG (5 PR) Shielded Cable

CONDUCTORS

Description: Mil-W-16878/4 (Type E) High Temperature Hook-Up Wire, 24 AWG SPC, TFE Teflon Insulated
600V, 200°C M16878/4 BEE

Min.-Max. Diameter: **0.040-0.048**

Colors: SEE TWISTED PAIRS

SUB-ASSEMBLY Twisted Pairs (5 Req'd)

- Colors: #1 Orange Paired With Black
- #2 Red Paired With Brown
- #3 Yellow Paired With Green
- #4 Blue Paired With Violet
- #5 White Paired With Gray

SUB-ASSEMBLY Shielded Sub-Cable (1 Req'd)

Core: 24 AWG Orange and Black Pair #1

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

Shield Type: Braid

Material: Tinned Copper

Required Coverage: 85% minimum

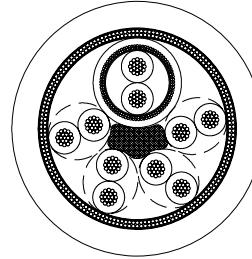
AWG: #40

Jacket Material: Clear FEP

Nom. Jkt Thickness: 0.010

Cable Diameter: **0.125**

Tolerance (+/-): 0.005



ASSEMBLY

Core Cabling: (1) Shielded Sub-Cable + (4) Pairs Cabled

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

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

SHIELD

Type: Braid

Material: Tinned Copper

Required Coverage: 85% minimum

AWG: #36

BINDER

Type: Clear Mylar (100% Coverage, 25% Min. Overlap)

JACKET

Material Type: Black Glossy Polyurethane

Separator: None

Nom. Jkt Thickness: 0.038

Cable Diameter: **0.355**

Tolerance (+/-): 0.012

TESTS

Test 1: Continuity

Test 2: Shorts

Test 3: Physical/Dimensional

MISCELLANEOUS

Voltage: 600V_{RMS}

Temperature: -40°C to 90°C

Put Ups: Bulk

Reel: Wood or Plastic

Weight: TBD

Print: None

APPROVALS

UL/CSA: None



Rev A

Sub-Cable OD Was 0.130, Now 0.125; Cable OD Was 0.425, Now 0.355

MC 3/1/16

UNCONTROLLED COPY

Dimensions in inches unless otherwise specified

.XXX = +/- .005 .XX = +/- .02 .X = +/- .1

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Prepared By: Mike Cother

Customer Approval:

Date: 1/18/2016

Title: _____

Configuration Code: 0037422

Date: _____

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