



IP Owner: **Millipore**  
End Use Customer: **Millipore**

Part Number: **980210RC BL199**

Revision: **C**

Customer P/N: **0521302-001**  
Customer Revision: **F**

## Cable Specification

### 4/C 24 AWG Shielded Cable

**CONDUCTORS**

**Wire Size & Type:** 24 AWG (19/36) Tinned Copper  
**Nom. Wire Diameter:** 0.025  
**Spark Test:** 3000Vac  
**Insulation Type:** SR PVC  
**Nom. Ins Thickness:** 0.010 9 mils min. avg., 7 mils min. at any point  
**Nominal Diameter:** **0.045**  
**Tolerance (+/-):** 0.002  
**Colors:** White, Green, Black, Red

**ASSEMBLY**

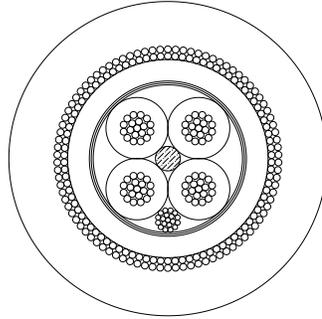
**Core Cabling:** 4/C Cabled Around Filler  
**Filler:** Cotton (Center)  
**Drain:** 24 AWG (19/36) Tinned Copper (Touching Foil)  
**Shield:** Aluminum/Mylar (100% Coverage, 25% Min. Overlap, Foil Facing **IN**)

**JACKET**

**Material Type:** Chrome Gray PVC (Non Lead)  
**Nom. Jkt Thickness:** 0.016  
**Nominal Diameter:** **0.145**  
**Tolerance (+/-):** 0.005

**SHIELD**

**Type:** Braid  
**Material:** Tinned Copper  
**Required Coverage:** 85% minimum  
**AWG:** 36



**JACKET**

**Material Type:** Blue PMS 282C PVC (Non Lead)  
**Separator:** None  
**Nom. Jkt Thickness:** 0.033 30 mils min. avg., 24 mils min. at any point  
**Nominal Diameter:** **0.230**  
**Tolerance (+/-):** 0.010  
**Print:** Ink Color WHITE Inkjet  
**Legend:** **ME0521302-001 -ROHS**

**TESTS**

**Test 1:** Continuity  
**Test 2:** Shorts  
**Test 3:** Physical/Dimensional

**MISCELLANEOUS**

**Voltage:** 300V<sub>RMS</sub>  
**Temperature:** -20°C to 80°C  
**Put Ups:** 1,000 ft., May Contain Multiple Lengths Per Reel  
**Reel:** Wood or Plastic  
**Colors:** Munsell® Wire & Cable Limits of Deviation Unless Otherwise Specified  
 Pantone Color Tolerance +/-1 Per the Plus Series Formula Guide

**ENVIRONMENTAL COMPLIANCE**

**RoHS:** European Directive 2011/65/EU(ROHS2) and amending Directive 2015/863/EU(ROHS3)  
**REACH:** Regulation (EC 1907/2006)

**APPROVALS**

**Single Conductors:** E64207 UL AWM Style 1061 80°C 300Vac  
**Final Product:** E64207 UL AWM Style 2464 80°C 300Vac

<b>Rev C</b>	Added White Inkjet Printing to Outer Jacket	JQ 1/31/07
<b>Rev B</b>	Changed Inner and Outer Jacket PVC Compound Grades - Released For Production	JQ 5/17/06
<b>Rev A</b>	Changed Inner and Outer Jacket PVC Compound Grades - No Production	JQ 3/15/05

**Dimensions in inches unless otherwise specified**

**Prepared By:** Jose Quinones

**Date:** 3/13/1998

Customer Approval:

Title: \_\_\_\_\_

Date: \_\_\_\_\_

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