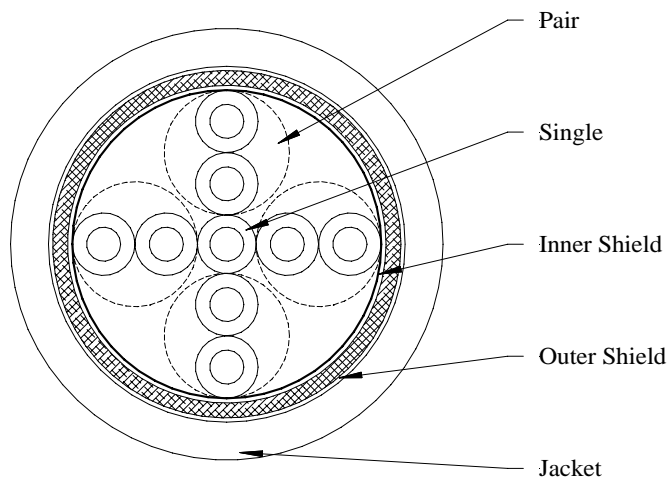


# 1 CONDUCTOR 22 AWG + 4 PAIR 22 AWG CABLE



## CONSTRUCTION

### Single Component

**Conductor:** 22 AWG 7/30 Tin Plated Copper, 0.030 Inch Diameter  
**Insulation:** 0.010 Inches of XPbT, 0.050 Inch Diameter

### Pair Component

**Conductor:** 22 AWG 7/30 Tin Plated Copper, 0.030 Inch Diameter  
**Insulation:** 0.010 Inches of XPbT, 0.050 Inch Diameter  
**Pair:** 2 Insulated Conductors Twisted Together

### Final Assembly

**Core:** 1 Single (#5)  
**Layer 1:** 4 Pairs (#1-4) Cabled Around Core  
**Inner Shield:** Aluminum/Polyester Tape, Aluminum Side Facing Out, 25% Overlap  
**Outer Shield:** 36 AWG Tin Plated Copper Braid, 90% Coverage  
**Jacket:** 0.032 Inches of Super Flexible XPbT, Color – Mist Gray  
**Diameter:** 0.305 ± 0.010 Inches  
**Print Legend (Light Gray Ink):** "TYPE CL3 90°C 22 AWG (UL) MADISON CABLE {Mfg. Location Code}<sup>1</sup> CSA AWM II A/B 80°C 300V FT4 RoHS COMPLIANT"

<sup>1</sup> Mfg. Location Code, if applicable.

## COLOR CODE

Comp #	Conductor #1 Insulation Color/Tracer Color	Conductor #2 Insulation Color
1	Black	Red
2	Black	White
3	Black	Green
4	Black	Blue
5	Green/Black	

## ELECTRICAL CHARACTERISTICS

### Single Component

**Single-Ended Capacitance:** 25 pF/Ft Nominal @ 1 kHz

### Pair Component

**Mutual Capacitance:** 30 pF/ft Nominal @ 1 kHz  
**Single-Ended Capacitance:** 50 pF/ft Nominal @ 1 kHz  
**Conductor DC Resistance:** 0.016 Ohms/ft Nominal @ 20°C

## SAFETY CERTIFICATION

**UL Listing:** Type CL3 as specified in Article 725 of the National Electrical Code  
**CSA Certification:** AWM II A/B 80°C 300 Volts FT4  
**RoHS Compliance:** In Accordance to European Directive 2002/95/EC, Issue 13.2.2003



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**Spec Number:** 101-3242

**Part Number:** 09RGKLF001

**Customer:** GE Medical

**Customer #:** 46-243507-P1 (For Reference Only)

## REVISION HISTORY

1	09/13/05	DC	Initial Release
2	11/08/05	EP	Revised Legend
3	09/10/07	DC	Added For Reference Only
4	11/21/07	DC	Added Jacket description
5	03/28/08	DC	Revised Capacitance; Added Single Comp Cap

**Prepared By:** D.M. Card

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Users should evaluate the suitability of this product for their application. Contact factory for latest revision of specification. Tyco Electronics reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to the Buyer.