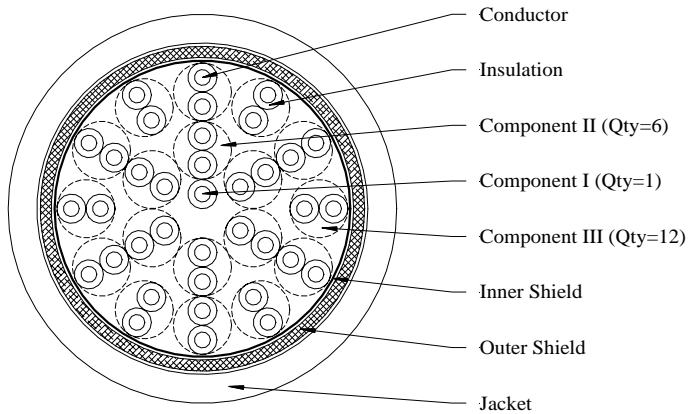


18 PAIR 22 AWG + 1 CONDUCTOR 22 AWG ROHS LOW CAPACITANCE CABLE



CONSTRUCTION

Component I – 22 AWG Single

Conductor: 22 AWG 7/30 Tin Plated Copper, 0.030 Inch Diameter
Insulation: 0.011 Inches of High Density Polyethylene, 0.052 Inch Diameter

Component II – 22 AWG Pairs

Conductor: 22 AWG 7/30 Tin Plated Copper, 0.030 Inch Diameter
Insulation: 0.011 Inches of High Density Polyethylene, 0.052 Inch Diameter
Pair: 2 Insulated Conductor Twisted Together

Component III – 22 AWG Pairs

Conductor: 22 AWG 7/30 Tin Plated Copper, 0.030 Inch Diameter
Insulation: 0.012 Inches of High Density Polyethylene, 0.054 Inch Diameter
Pair: 2 Insulated Conductor Twisted Together

Final Assembly

Core: 1 Component I (#1)
Layer 1: 6 Component II (#2-7) Cabled Around Core
Layer 2: 12 Component III (#8-19) Cabled Around Layer 1
Binder: Polyester Tape, 50% Overlap with Left Hand Lay
Binder: Polyester Tape, 50% Overlap with Right Hand Lay
Inner Shield: Aluminum/Polyester Tape, Aluminum Side Facing Out, 50% Overlap with Left Hand Lay
Outer Shield: 36 AWG Tin Plated Copper Braid, 90% Coverage
Jacket: 0.032 Inches of XPbT, Color – Gray
Diameter: 0.535 ± 0.010 Inches
Print Legend (Indent): “TYPE CL3 75°C 22 AWG (UL) MADISON CABLE CSA AWM II A/B 80°C 300V FT4 RoHS COMPLIANT”

COLOR CODE

Component #	Component	Conductor #1	Conductor #2
1	I	Green/Black	
2	II	Black	Red
3	II	Black	White
4	II	Black	Green
5	II	Black	Blue
6	II	Black	Yellow
7	II	Black	Brown
8	III	Black	Orange
9	III	Red	White
10	III	Red	Green
11	III	Red	Blue
12	III	Red	Yellow
13	III	Red	Brown
14	III	Red	Orange
15	III	Green	White
16	III	Green	Blue
17	III	Green	Yellow
18	III	Green	Brown
19	III	Green	Orange

ELECTRICAL CHARACTERISTICS

Component I – 22 AWG Single

Conductor DC Resistance: 0.016 Ohms/ft Nominal @ 20°C

Component II & III – 22 AWG Pairs

Differential Impedance: 100 Ohms Nominal @ TDR
Mutual Capacitance: 12.5 pF/ft Nominal
Velocity of Propagation: 66% Nominal
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: 101-3257

Part Number: 37QGKLF001

Customer: GE Medical Systems

Customer #: 46-258875

REVISION HISTORY

1	09/15/05	DC	Initial Release
2	02/15/06	HA	Revised Print Legend

Prepared By: H. Abusamra

Reviewed By: A. Fan

A. Fan

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