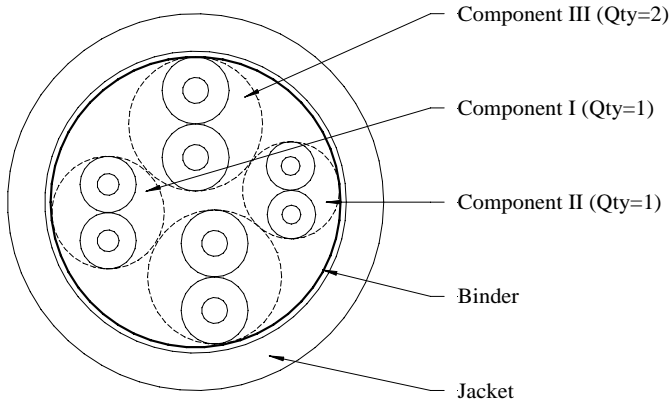


2 PAIR 20 AWG + 2 PAIR 14 AWG COMPOSITE CABLE



CONSTRUCTION

Component I – 20 AWG Pair

Conductor: 20 AWG 19/32 Tin Plated Copper, 0.038 Inch Diameter

Insulation: 0.0215 Inches of XPbT, 0.081 Inch Diameter

Pair: 2 Insulated Conductors Twisted Together with a 2-1/2 Inch Maximum Left Hand Lay

Component II – 20 AWG Pair

Conductor: 20 AWG 19/32 Tin Plated Copper, 0.038 Inch Diameter

Insulation: 0.016 Inches of XPbT, 0.070 Inch Diameter

Pair: 2 Insulated Conductors Twisted Together with a 2-1/2 Inch Maximum Left Hand Lay

Component III – 14 AWG Pairs

Conductor: 14 AWG 19/27 Tin Plated Copper, 0.068 Inch Diameter

Insulation: 0.016 Inches of XPbT, 0.100 Inch Diameter

Pair: 2 Insulated Conductors Twisted Together with a 2-1/2 Inch Maximum Left Hand Lay

Final Assembly

Core: 1 Component I (#1), 1 Component II (#2), and 2 Component III (#3-4) Cabled Together with a 5-6 Inch Left Hand Lay

Binder: Paper Tape, 50% Overlap

Jacket: 0.047 Inches of Pressure-Extruded Polyurethane, Color – Black, Finish – Shiny

Diameter: 0.450 + 0.010, -0.015 Inches

Print Legend (White Ink): “>< 1 FT. #14/4 & 20/4”

Footage Marking: Sequential footage marked every 12 Inches on jacket

COLOR CODE

Comp #	Component	Conductor #1	Conductor #2
1	I	Green	White
2	II	Blue	Brown
3	III	Red	Black
4	III	Orange	Gray

ELECTRICAL CHARACTERISTICS

Component I – 20 AWG Pair

Differential Impedance: 120 Ohms Nominal @ 1 MHz

Mutual Capacitance: 20 pF/ft Nominal @ 1 kHz

Conductor DC Resistance: 6.8 Ohms/1000 ft Nominal @ 20°C

Component II – 20 AWG Pair

Conductor DC Resistance: 6.8 Ohms/1000 ft Nominal @ 20°C

Component III – 14 AWG Pairs

Conductor DC Resistance: 2.9 Ohms/1000 ft Nominal @ 20°C

Voltage Rating: 300 Volts

PHYSICAL CHARACTERISTICS

Temperature Rating: -46°C to 80°C

SAFETY CERTIFICATION

RoHS Compliance: In Accordance to European Directive 2002/95/EC, Issue 13.2.2003



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Spec Number: 101-3360

Part Number: 08WZILF001

Customer: Spectra Precision

Customer #: 6001-2221

REVISION HISTORY

1	01/10/05	DC	Initial Release
2	05/30/07	DC	Revised print legend

Prepared By: D.M. Card

Reviewed By: B. Harvie

A. Fan

Page

1 of 1