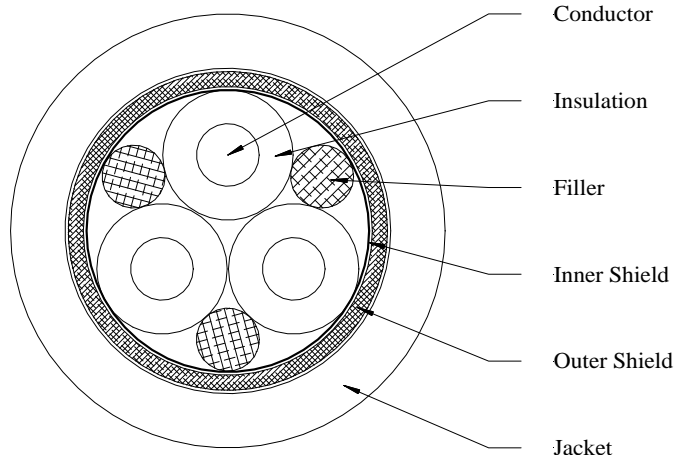


3 CONDUCTOR 18 AWG CABLE



Conductor

Insulation

Filler

Inner Shield

Outer Shield

Jacket

CONSTRUCTION

Single Component

Conductor: 18 AWG 41/34 Tin Plated Copper, 0.044 Inch Diameter

Insulation: 0.042 Inches of Polyethylene, 0.128 Inch Diameter

Final Assembly

Core: 3 Singles (#1-3) Cabled Together with Solid Polyolefin Fillers

Inner Shield: Aluminum/Polyester Tape, Aluminum Side Facing Out, 25% Overlap

Outer Shield: 34 AWG Tin Plated Copper Spiral, 95% Coverage

Jacket: 0.046 Inches of PVC, Color – Gray

Diameter: 0.385 ± 0.015 Inches

Print Legend: None

COLOR CODE

Conductor #	Insulation Color
1	Red
2	Violet
3	Green

ELECTRICAL CHARACTERISTICS

Conductor-to-Conductor Capacitance: 16 pF/ft Nominal

Single-Ended Capacitance: 28 pF/ft Nominal

Dielectric Withstand: 3000 Volts DC Minimum

Conductor DC Resistance: 6.5 Ohms/1000 ft Nominal @ 20°C

SAFETY CERTIFICATION

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



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REVISION HISTORY

1	12/16/11	RL	Initial Release
2	12/21/11	RL	Revised design to 18 AWG et al.
3	01/23/12	RL	Added Part Number and Revised Diameter
4	08/29/12	RL	Revised Conductor DCR

Spec Number: 102-1546

Part Number: 03PJCLF001

Customer:

Customer #:

Prepared By: R. Lemos

Reviewed By: K. Arsenault

K. Chagnon

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