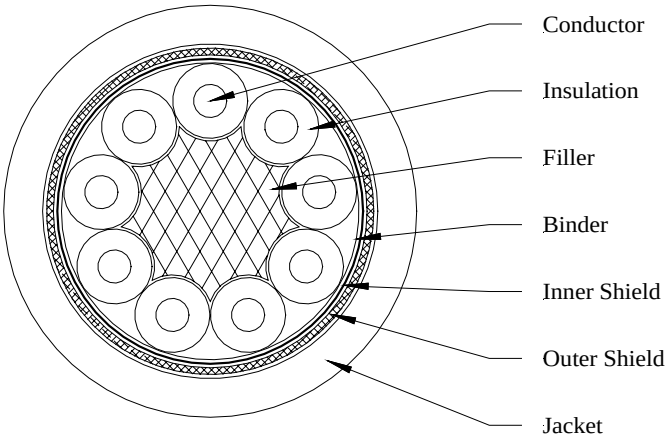
9 CONDUCTOR 18 AWG LEAD-FREE CABLE



CONSTRUCTION

Single Component

Conductor: 18 AWG 19/30 Tin Plated Copper, 0.048 Inch Diameter
Insulation: 0.007 Inches of FEP, 0.062 Inch Diameter

Final Assembly

Core: Fiberglass Filler
Layer 1: 9 Singles (#1-9) Cabled Around Core
Binder: Polyester Tape, 25% Overlap
Inner Shield: Aluminum/Polyester Tape, Aluminum Side Facing Out, 25% Overlap
Outer Shield: 36 AWG Tin Plated Copper Braid, 85% Coverage
Jacket: 0.015 Inches of FEP, Color – Red Tint
Diameter: 0.295 Inches Nominal
Print Legend (Marker Tape): "TYPE CMP 200°C 18 AWG (UL) E111018 C(UL) TYPE CMP 200°C LEAD-FREE"

COLOR CODE

Conductor #	Insulation Color	Tracer Color
1	Black	
2	White	
3	Red	
4	Green	
5	Orange	
6	Blue	
7	White	Black
8	Red	Black
9	Green	Black

ELECTRICAL CHARACTERISTICS

Conductor-to-Conductor Capacitance: 33 pF/ft Nominal
Single-Ended Capacitance: 60 pF/ft Nominal
Conductor DC Resistance: 0.0056 Ohms/ft Nominal @ 20°C
Operating Voltage: 300 Volts RMS Maximum
Ampacity: 3.8 Amps Maximum @ 30°C Ambient

PHYSICAL CHARACTERISTICS

Operating Temperature: +200°C Maximum

SAFETY CERTIFICATION

UL Listing: Type CMP as specified in Article 800 of the National Electrical Code
C(UL) Listing: Type CMP
ROHS Compliance: In Accordance to European Directive 2002/95/EC, Issue 13.2.2003

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Spec Number:	**101-2874**
Part Number:	**092JCLF002**
Customer:	
Customer #:	

REVISION HISTORY

1	07/22/05	EP	Initial Release
2	08/11/05	EP	Added P/N

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