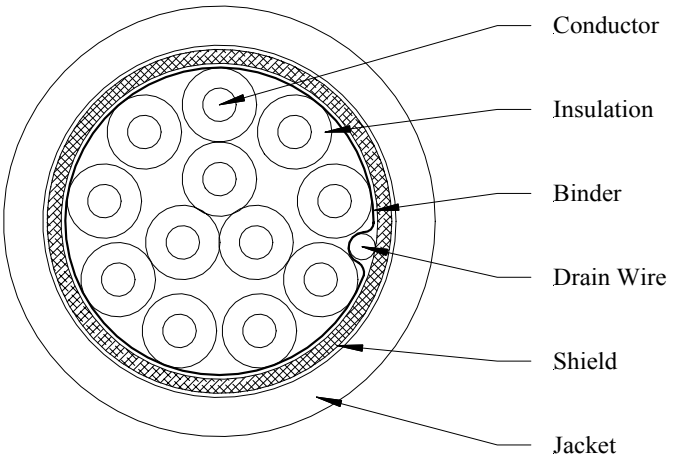
12 Conductor 20 AWG Power Cable



Construction

Single Component
Conductor: 20 AWG 26/34 Tin Plated Copper, 0.037 Inch Diameter
Insulation: 0.010 Inches of XPbT, 0.057 Inch Diameter

Final Assembly
Core: 3 Singles (#1-3) Cabled Together
Layer 1: 9 Singles (#4-12) Cabled Around Core
Binder: Paper Tape, 25% Overlap
Drain Wire: 24 AWG 7/32 Tin Plated Copper, 0.024 Inch Diameter
Shield: 36 AWG Tin Plated Copper Braid, 85% Coverage
Jacket: 0.032 Inches of Super Flexible XPbT, Color – Oyster Gray
Diameter: 0.325 ± 0.015 Inches
Print Legend (Black Ink): "AWM STYLE 2464 80°C 300V VW-1 MADISON CABLE CSA AWM II A/B 80° 300V FT1 RoHS COMPLIANT {Date Code}[1]"

[1] Date Code is a 4-digit code with the first two digits identifying the calendar week and the last two identifying the calendar year of manufacturing. Example – 0206 for cable manufactured in the second week of January 2006.

Color Code

Conductor #	Insulation Color	Tracer Color
1	Black	
2	Brown	
3	Red	
4	Orange	
5	Yellow	
6	Green	
7	Blue	
8	Violet	
9	Gray	
10	White	
11	White	Black
12	White	Brown

Electrical Characteristics

Conductor DC Resistance: 9.8 Ohms/1000 ft Nominal @ 20°C

Safety Certification

UL Recognized: AWM Style 2464 80°C 300 Volts VW-1
CSA Certification: AWM II A/B 80° 300V FT1
RoHS Compliance: In Accordance to European Directive 2002/95/EC, Issue 13.2.2003

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Revision History

1	10/05/07	HA	Initial Release

Spec Number:	**101-6878**
Part Number:	**12RHDLF001**
Customer:	**GE**
Customer #:	**1005200-P206 (For Reference Only)**

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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.