

UL 1659 – 18AWG 19NPC Teflon PTFE Wire



PRODUCT DATA SHEET

For use in electronic and appliance applications. Rated for continuous use up to 250°C

Design Number 11018
Part Number See Table 1
Customer Number N/A

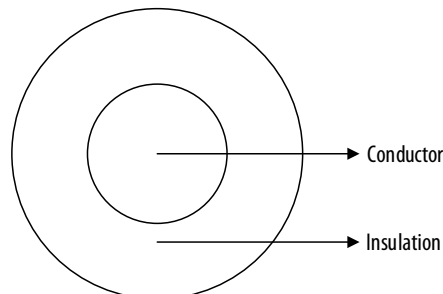
CONSTRUCTION

Conductor: Stranded nickel plated copper
Conductor Size: 18AWG, 19/30
Conductor Diameter: 0.050" (Nom.)
Insulation Material: Extruded Polytetrafluoroethylene (PTFE)
Avg. Thickness: 0.031" (Nom.)
Insulated Diameter: 0.112" (Nom.)
Insulation Color: A variety of colors available

Print Legend:

ASCENT E477982 **  AWM STYLE 1659 18AWG 250°C
600V VW-1

Note: "****" is factory code



ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): -60°C to +250°C
Operating Voltage: 600V
Conductor Resistance@20°C: 23.2 Ω/km Max.
Dielectric Test: AC 2 kV/1 min

SAFETY CHARACTERISTICS

Approvals: AWM UL 1659 & cUL
RoHS Compliant

Table 1

Part Number	Color
32204129	White

Application: For use in electronic and appliance applications. Rated for continuous use up to 250°C

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Revision History		
00	2024/09/13	Initial release
01	2025/07/11	The overall OD increased from 0.093" to 0.112"
02	2025/08/06	Print legend is added
Created L. Jian Approved T. Plochocki		

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