



MIL-W-16878/4 (Type E) wire , Medium-wall extruded PTFE insulation

MIL-W-16878/4 (type E) wires have extruded PTFE insulation (medium wall thickness) for high- temperature applications. PTFE insulation offers high reliability with excellent thermal stability and chemical resistance.

Specifications

Voltage rating - volts

600

Temperature rating °C

-55 to 200

Insulation

Extruded PTFE, wall thickness .010 (.25 mm).

Conductor

Silver-Plated Copper

Conductor Size (AWG)

12

Conductor Diameter - inches (mm)

.084 (2.13)

Stranding

19/25

Insulation Diameter Minimum - inches (mm)

.107 (2.72)

Insulation Diameter Maximum - inches (mm)

.121 (3.07)

Weight - pounds/1000 feet (Kg/1000m)

22.6 (33.6)

Maximum Resistance Ohm/1,000 feet (ohm/Km), @ 20°C

1.81 (5.94)

Options

Nickel-plated copper conductor; silver or nickel-plated high-strength copper alloy conductor; sodium naphthalene etched insulation for bondability. Also available to NEMA HP-3-EX.

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