



APPLIANCE WIRING MATERIAL

Subj.758

Section 1

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Style 1716

Single conductor with extruded insulation.

Rating 150 deg C, 150 Vac, Horizontal flame, Oil Res 60 deg C or 80 deg C (opt), Gasoline Resist (opt)

Conductor Solid or stranded or Litz cable magnet wire, R/C (OBMW2) magnet wire rated min 150 deg. C. AWG size to be determined by the Resistance Test per UL 1581. In addition, tinned copper may be employed when FEP insulation is used.

Insulation FEP or PFA or PTFE, TFE

<u>50-20 AWG</u>	<u>5.5 mils min average</u>	<u>5 mils min at any point</u>
19-15 AWG	8 avg	7 min
14-10 AWG	13 avg	12 min
9-6 AWG	20 avg	18 min

May extrude FEP in two or three layers.

Assembly Each single on magnet wire strand is cabled together other magnet wire strands to form a conductor.

Shield Optional.

Covering Optional, FEP, or PFA, 0.005 in or heavier or PTFE (extruded or tape wrapped) 0.005 in or heavier.

Standard Appliance Wiring Material UL 758.

Marking General.

Use Internal wiring of electronic equipment, such as electronic computers and business machines, where not subjected to movement or mechanical damage. May also be used for further processing in cables and lead wire for UL 1950 applications. Tags may indicate the following: "300 peak Volts for Electronic Use Only". "Suitable for immersion in gasoline; gasoline vapor; and 60 deg. C or 80 deg. C in Oil".

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