



APPLIANCE WIRING MATERIAL

Subj.758 Section 2 Page 21100

Issued:2000-06-27

Revised:2011-10-20

Style 21100 Multiple conductor cable using non-integral jacket.

Rating 80 deg C, 30 Vac, Cable flame (construction A), Horizontal flame (construction B).

Conductor 40 AWG minimum.

Insulation Labeled or complying with Manufacture's AWM Procedure having a minimum rating of 80 deg C, 30 V.

Assembly Consists of two or more conductors, twisted pairs or groups of twisted conductors twisted together. The conductors or groups of conductors may be laid parallel forming a flat, oval or round cable. The lay of the insulated conductors are not specified. A barrier layer and/or fillers are optional. Manufacturer shall maintain a complete description of each assembly. May use same or mixed AWG size.

Shield Optional.

Covering Optional. A 6 mil or heavier PVC covering may be extruded over the conductor assembly.

Jacket FRPE.

<u>Dia. under jacket</u>	<u>Minimum average for Construction</u>	<u>Minimum at any point for Construction</u>	<u>Minimum average for Construction</u>	<u>Minimum at any point for Construction</u>
	<u>A External Use</u>	<u>A External Use</u>	<u>B Internal Use</u>	<u>B Internal Use</u>
0.350 inch or less	20 mils	17 mils	15 mils	12 mils
0.351-0.700 inch	30 mils	24 mils	30 mils	24 mils
0.701-1.000 inch	40 mils	36 mils	40 mils	36 mils
1.001-1.500 inch	54 mils	48 mils	54 mils	48 mils



Standard Appliance Wiring Material UL 758.

Marking General.

Use Construction A: Internal wiring or external interconnection of electronic equipment in Class 2 circuits only. Construction B: Internal wiring of electronic equipment in Class 2 circuits only.

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