UL Product iQ™

Style 20549 - APPLIANCE WIRING MATERIAL

APPLIANCE WIRING MATERIAL

Subj.758
Section 2
Page 20549

Issued: 1987-06-19
Revised: 2015-01-22

Style 20549 Multiple-conductor cable using non-integral jacket

RATING 80 deg C, 300 Vac, Horizontal flame.

INSULATED CONDUCTOR 32 AWG minimum. Labeled or complying with manufacturer's AWM procedure.

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 conductor is not specified. A barrier layer, binders and/or fillers are optional. Manufacturer shall maintain a complete description of each assembly. May use same or mixed AWG size.

COVERING Optional, extruded over conductor assembly, 6 mils minimum thickness.

SHIELD Optional.

JACKET Extruded TPU.

Diameter of core assembly under jacket*	Minimum average thickness	Minimum thickness at any point
0.350 inch or less	15 mils	12 mils
0.351-0.700	30 mils	24 mils

Diameter of core assembly under jacket*	Minimum average thickness	Minimum thickness at any point
0.701-1.000	45 mils	36 mils
1.001-1.500	60 mils	48 mils
1.501-2.500	80 mils	64 mils
2.501-3.500	110 mils	88 mils
3.501 inch or greater	140 mils	112 mils

*Major diameter if cable is flat or oval.

STANDARD

Appliance Wiring Material UL 758.

MARKING

General.

USE

Internal wiring of electronic equipment and appliances. Tags may indicate the following: "600 volts Peak for Electronic use only."

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2021 UL LLC"