

File E315492

Project 10CA55744

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REPORT

On

COMMUNICATIONS CABLES

Jiaxing Haitang Electronics Co Ltd  
Zhejiang 314304, China

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## DESCRIPTION

## PRODUCT COVERED:

USL/CNL: Communications Cables, Types CMR, CM and CMX, rated 60 or 75°C.

\***TECHNICAL** CONSIDERATIONS (NOT FOR UL REPRESENTATIVE'S USE):

\*

**USL/CNL: Evaluated in accordance with the latest issue of the Bi-National Standard for Communications Cables, UL 444/CSA C22.2 No. 214.**

## CONSTRUCTION DETAILS:

\* General Character and Use - This cable is constructed in accordance with the Standard **and as described below..**

**CONSTRUCTION ID:**

Construction ID	Number of Conductors	Insulation	Jacket Material
R1795	8	HDPE	PVC - Jiaxing Haitang Electronics Co Ltd, Grade HT-PVC 3375

**CONSTRUCTION A:**

Conductors - In accordance with the Standard.

Insulation - HDPE, LDPE or PP (60°C or 75°C); min average thickness 9 mils, min thickness at any point 7 mils, max average thickness 13 mils.

Assembly - Eight (8) conductors assembled in accordance with the Standard.

Star Filler (Optional) - HDPE, LDPE or PP shaped in the form of a 4 point star as shown in Illustration 1, with the following dimensions: W = 13 +/-10 mils, D = 33 +/- 10 mils, L = 93 +/- 10 mils.

Shield (Optional) - Constructed in accordance with the Standard.

Braid (Optional) - Constructed in accordance with the Standard.

Ripcord (Optional) - A single polyester ripcord may be employed, in accordance with the Standard.

Jacket - PVC compound Suzhou Silver Age New Materials Co., Ltd., Model: VUL75/5-9000K-47P (60°C), min average thickness 21 mils and min thickness at any point 17 mils. The minimum tensile strength for PVC compound VUL75/5-9000K-47P shall be 2500 lbf/in<sup>2</sup> for cables with a core diameter greater than 0.130 inch (3.3 mm).

## CONSTRUCTION B:

Conductors - In accordance with the Standard.

Insulation - HDPE, min average thickness 9 mils, min thickness at any point 7 mils, and max average thickness 13 mils.

Assembly - Eight (8) conductors assembled in accordance with the Standard.

Star Filler (Optional) - If provided, PE, shaped in the form of 4-point star as shown in ILL. 1, 15 mils maximum average width, 236 mils maximum average length.

Ripcord (Optional) - Polyester.

Jacket - PVC shall be sourced from Jiaxing Haitang Electronics Co Ltd, Grade HT-PVC 3375, and thickness in accordance with the table below. A thicker jacket may be required in accordance with the Standard.

Cable Core Diameter, in.	Jacket with tensile strength less than 2500 lbf/in <sup>2</sup>	
	Minimum average, mils	Minimum thickness at any point, mils
0.00 - 0.13	18	14
Over 0.13 - 0.35	23	18
Over 0.35 - 0.40	27	22
Over 0.40 - 0.70	32	26
Over 0.70 - 1.50	45	36
Over 1.50 - 2.50	60	48
Over 2.50 - 3.50	75	60

## MARKING:

Required surface and tag markings in accordance with the Standard, Section General, and the FUII pages.