

File E188601

Vol 1

Issued: 1998-04-27

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FOLLOW-UP SERVICE PROCEDURE  
(TYPE L)

COMMUNICATIONS CABLE  
(DUZX, DUZX7)

Manufacturer: SEE ADDENDUM FOR MANUFACTURING LOCATIONS

Applicant: COPARTNER TECHNOLOGY CORP  
(123805-001) FAR EAST CENTURY PARK, 4TH FL  
16 CHIEN PA RD  
CHUNG HO CITY  
TAIPEI HSIEN TAIWAN

Listee: SAME AS APPLICANT  
(123805-001)

This Procedure authorizes the above Manufacturer to use the marking specified by Underwriters Laboratories Inc. only on products covered by this Procedure, in accordance with the applicable Follow-Up Service Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

The Procedure contains information for the use of the above named Manufacturer and representatives of Underwriters Laboratories Inc. and is not to be used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. upon request.

This PROCEDURE, and any subsequent revisions, is the property of UNDERWRITERS LABORATORIES INC. and is not transferable.

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AUTHORIZATION PAGE REVISED: 2005-03-16

## DESCRIPTION

## PRODUCT COVERED:

Communications Cable, Types CMX, CM, CMR, and CMP, rated 60 or 75°C, also Verified to TIA/EIA 568A, Categories 3, 4, and 5, and TIA/EIA 568-A-5, Category 5E.

## ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

This cable is intended for use in accordance with the National Electrical Code (NEC). The cable is constructed in accordance with the latest edition of UL 444.

The cable is manufactured and Listed in accordance with File E188601. Procedure Vol. 1, Sec. 7, with the following "Construction Details."

## CONSTRUCTION DETAILS:

Conductor - No. 24 AWG solid copper.

Insulation - FEP, DuPont, Grade 100N, 6 mils minimum average thickness, 5 mils minimum at any point, 15 mils maximum average thickness.

Assembly - Four (4) pairs.

Shielding - None.

Jacket - PVC, Alphagary, Grade 6000#, 15 mils minimum average thickness, 12 mils minimum thickness at any point, 17 mils maximum average thickness.

DESCRIPTIONPRODUCT COVERED:

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

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE USE):

USL indicates compliance with UL 444.

CNL indicates compliance with CSA C22.2 No. 214.

CONSTRUCTION DETAILS:

General Character and Use - This cable is constructed in accordance with the Standard for Communications Cable, UL 444/CSA-C22.2 No. 214 and as described below.

Conductor - No. 24 to 16 AWG in accordance with the Standard.

Insulation - Recognized Component QMTM2 compound FEP insulation, grade designation 100N manufactured by E I Dupont De Nemours & Co., Inc., with maximum average thickness of 0.38 mm (15 mils), minimum average thickness of 0.15 mm (6 mils), minimum at any point 0.13 mm (5 mils).

Shields - None

Fillers - (Optional), cables may employ a Polyethylene or FEP Star-Filler, with four segments, each a nominal 0.38 mm (15 mils) thick by 2.08 mm (82 mils) in length and 1.22 mm (48 mils) center diameter.

Jacket - Recognized Component QMTM2 compound PVC jacket, grade designation 6000# manufactured by Alphagary Corp., with maximum average thickness of 0.51 mm (20 mils), minimum average thickness 0.38 mm (15 mils), minimum thickness at any point 0.30 mm (12 mils).

Marking - In accordance with the Standard.