

14 January 1987
SUPERSEDING
AMENDMENT 1
11 October 1979

MILITARY SPECIFICATION

CABLE, TELEPHONE, WM-130()/G

This Amendment forms a part of MIL-C-55036A(EL), dated 9 May 1973, and is approved for use within the Communications-Electronics Command, Department of the Army and is available for use by all Departments and Agencies of the Department of Defense.

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At the end of the Specifications Column add:

Drawings

CECOM

SM-B-159154 -- Grip Cable

3.1.1, 3.1.1.1, delete and substitute:

3.1.1 Conductors. The conductors shall conform to Type C, Class B, of QQ-W-343, except that the conductors shall consist of six coated copper strands concentrically stranded around one galvanized steel strand (see 4.6.1).

3.1.1.1 Copper Strands. Each coated copper strand shall be 32 American Wire Gauge (AWG) soft or drawn and annealed wire in accordance with Type S of QQ-W-343 (see 4.6.1.1).

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3.3.2, delete and substitute:

3.3.2 Breaking Strength. The cable shall be prepared as specified in 4.8.2. A 100 pound static load shall be applied initially for a period of one half hour. The cable shall be marked with tape to indicate relationship between cable core, cable jack and cable grip. The static load shall be increased to 800 pounds \pm 20 pounds for a period of 16 hours. Following the test, the cable shall show no rupture of the jacket and slippage of the cable core shall not exceed one half inch (see 4.8.2).

FSC 6145

AMSC N/A
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3.6, delete, "Requirement for virgin materiel".

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4.2 (a), change "Preparation for Delivery" to "Packaging".

4.2 (c)(1), change "Preparation for Delivery" to "Packaging".

4.2 (c)(2), change "Preparation for Delivery" to "Packaging".

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4.5, change "Preparation for Delivery" to "Packaging".

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4.8.2, delete and substitute:

4.8.2 Breaking Strength. Three samples of cable shall be tested from every 100,000 feet of cable produced or every ten days which ever comes first. The sample shall be tested using cable grip shown on Drawing SM-B-159154. The grip shall be secured to a stationary object with a minimum of four feet of cable within the grip. The other end of the cable shall be wound on a mandrel and a static load shall be applied between the cable and the cable and the cable grip. The ferrule on the cable grip may be encased in a protective device to prevent collapse of the ferrule when under stress (see 3.3.2).

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4.11, delete and substitute:

4.11 Packaging Inspection. Packaging inspection requirements specified herein are classified as follows:

- a. First Article Inspection of Packaging.
- b. Quality Conformance Inspection of Packaging.

4.11.1 First Article Inspection of Packaging. Unless otherwise specified in the contract, First Article Inspection of Packaging shall be in accordance with the Unit Pack Design Validation Requirements of MIL-P-116.

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4.11.2 Quality Conformance Inspection of Packaging.

4.11.2.1 Materials Inspection. All materials to be used in packaging shall be inspected in accordance with the applicable material specification.

4.11.2.2 Preservation Inspection. Inspection of preservation and interior markings shall be in accordance with Group A and B Quality Conformance Inspection Requirements of MIL-P-116. Lot formation and sampling procedures shall be as specified therein.

4.11.2.3 Packing Inspection. Inspection of packing and the marking for shipment and storage shall consist of the examinations specified in Table V "PACKING INSPECTION PROVISIONS". Lot formation shall consist of all packs made of the same materials during an identifiable period and submitted at one time for acceptance. Sampling procedures shall be in accordance with MIL-STD-105, using a single sampling plan and acceptable quality level of 4.0 percent defective.

Table V. PACKING INSPECTION PROVISIONS.

NO.	CHARACTERISTIC	METHOD OF INSPECTION
101	Intermediate container not as specified	Visual
102	Improper closure of intermediate container	Visual
103	Shipping containers not in accordance with specification	Visual
104	Excessive cube	Visual
105	Improper blocking and bracing	Visual
106	Closure not in accordance with specification	Visual
107	Weight and size exceed container limitations	Weight & Measure
108	Strapping not in accordance with specification, incorrectly applied, omitted	Visual
109	Marking omitted, incorrect, or illegible	Visual

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5., delete in its entirety and substitute:

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"5. PACKAGING

5.1 Packaging Requirements. The requirements for packaging shall be in accordance with MIL-C-12000."

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6.2(c), delete in its entirety and substitute:

6.2(c) Level A or B preservation and packing (see section 5).

6.2(d) When first article inspection rough handling tests are not required.

6.2(e) When first article packaging inspection reports require Acquisition Activity approval prior to production unit packing.

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6.7 Level B Preservation. When Level B Preservation is specified, this level of protection will only be used under known favorable conditions during transportation, storage, and handling.

6.8 Environmental. Environmental pollution prevention measures are contained in the packaging material specifications referenced herein. Refer to material specifications or preparing activity for recommended disposability methods.

Custodian:
Army - CR

Preparing Activity:
Army - CR

Review Activity:
DLA - IS

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