

INCH-POUND  
MIL-~~DTLC~~-83413/10A  
19 NOVEMBER 1993  
SUPERSEDING  
MIL-C-83413/10  
23 March 1984

MILITARY SPECIFICATION SHEET

CONNECTORS AND ASSEMBLIES, ELECTRICAL, AIRCRAFT  
GROUNDING JUMPER CABLE ASSEMBLY, AIRCRAFT TO  
FUEL NOZZLE, DISCHARGER, ELECTROSTATIC

This specification is approved for use by all Departments and Agencies of the Department of Defense

- ⊕ The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of specifications and standards (DODISS) specified in the solicitation MIL-C-83413

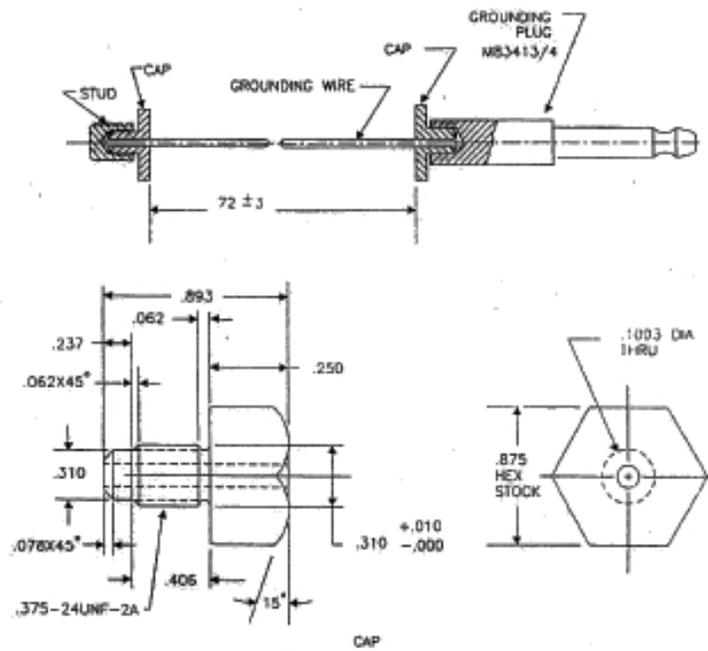


FIGURE 1. Jumper cable assembly

Inches	mm
.010	.25
.062	1.57
.078	1.98
.1093	2.78
.237	6.02
.251	6.38
.310	7.87
.332	8.43
.375	9.53
.420	10.67
.438	11.13
.469	11.91
.500	12.70
.625	15.88
.875	22.23
.893	22.68
75.000	1.905.00

## NOTES:

1. Dimensions are in inches
2. Metric equivalents are given for general information only
3. Unless otherwise specified, tolerance is  $\pm .016$  (.041 mm)
4. The cap on this assembly is also used on plug PIN M83413/4-1.

FIGURE 1 Jumper cable assembly.- Continued

REQUIREMENTS

Grounding plug In accordance with MIL-C-83413/4

Grounding wire 7 X 7 wire in accordance with MIL-W-83420, type II, composition B, jacket color international orange 22510 in accordance with FED-STD-595

Splices Shall not be used.

Part or identifying Number (PIN)- M83413/10-1.

QUALIFICATION

Qualification is not required for this specification sheet. First article inspection shall be a visual and mechanical inspection in accordance with 4.7 1 of MIL-C-83613.

Certain provisions of this specification are the subject of International Standardization Agreements ~~ASCC AIR-STD-12/25~~ AIR-STD 25/26 and NATO STANAG 3632. When revision or cancellation of this specification is proposed which wilt affect or violate the international agreements concerned, the preparing activity will take appropriate reconciliation action through international standardization channels, including departmental standardization offices, if required.

**Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to previous issue due to the extent of the changes.**

**Reference documents. In addition to MIL-DTL-83413, this document references the following:**

- MIL-C-83413/4**
- MIL-W-83420**
- FED-STD-595**
- AIR STD 25/26**
- NATO STANAG 3632**
- ISO46**

CONCLUDING MATERIAL

Custodians  
Army - AV  
Navy - AS  
Air Force - 85

Preparing activity.  
Air Force – 85  
  
Agent:  
DLA - ES

Review activities:  
Army - AR, CR, ME, MI  
Navy - MC  
Air Force - 13, 18, 32, 90, 99

(Project 5920-0826~~0499-04~~)

International interest.  
ASCC 12/25  
NATO STANAG 3632  
ISO46

**Note: The activities listed above were interested in this documents as of the date of this document. Since organization and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at [www.dodssp.daps.mil](http://www.dodssp.daps.mil)**