

INCH-POUND

MIL-DTL-13486/1D  
 21 May 2010  
 SUPERSEDING  
 MIL-DTL-13486/1C  
 4 August 2000

## DETAIL SPECIFICATION SHEET

CABLE, SPECIAL PURPOSE, ELECTRICAL: LOW-TENSION,  
 HEAVY-DUTY, SINGLE CONDUCTOR, UNSHIELDED

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 MIL-DTL-13486.

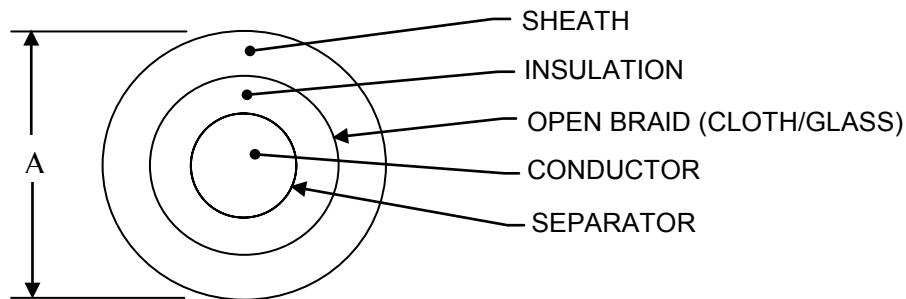


FIGURE 1. Configuration.

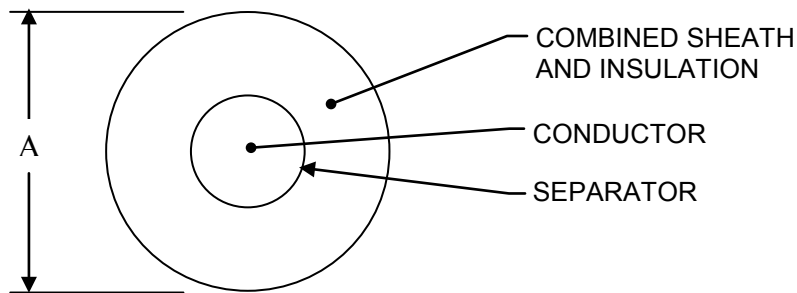


FIGURE 2. Configuration for optional construction.

Dimensions and configuration. See figure 1 and table I.

Dimensions and configuration (optional construction). See figure 2 and table I.

Insulation and sheath materials (optional construction). Chlorosulfonated polyethylene.

Optional construction. Applicable to M13486/1-1 through M13486/1-17

## MIL-DTL-13486/1D

Part or Identifying Number (PIN): See table I.  
Former PIN: See table I.

TABLE I. Cable data.

PIN	Conductor size <sup>1/</sup>	Diameter "A" (inch)	Former PIN
M13486/1-1	20	.115 ± .010	None
M13486/1-2	18	.130 ± .010	None
M13486/1-3	16	.135 ± .010	7722204
M13486/1-4	16	.160 ± .010	8690176
M13486/1-5	14	.160 ± .010	7720853
M13486/1-6	14	.235 ± .010	7056679
M13486/1-7	12	.235 ± .010	7056678
M13486/1-8	10	.300 ± .010	None
M13486/1-9	8	.360 ± .010	7056677
M13486/1-10	6	.422 ± .010	7056676
M13486/1-11	4	.485 ± .010	8690175
M13486/1-12	2	.610 ± .010	7056675
M13486/1-14	0	.672 ± .010	7056674
M13486/1-15	00	.730 ± .010	None
M13486/1-17	0000	.865 ± .020	7056674-1

<sup>1/</sup> See "Construction requirements for conductors" as specified in MIL-DTL-13486.

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

Referenced document. This document references MIL-DTL-13486.

## CONCLUDING MATERIAL

## Custodians:

Army – AT  
Navy – SH  
Air Force - 85  
DLA - CC

## Preparing activity:

DLA - CC

## Review activities:

Army - AR, CR  
Navy - MC  
Air Force - 71, 84, 99

(Project 6145-2010-008)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>.