

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.

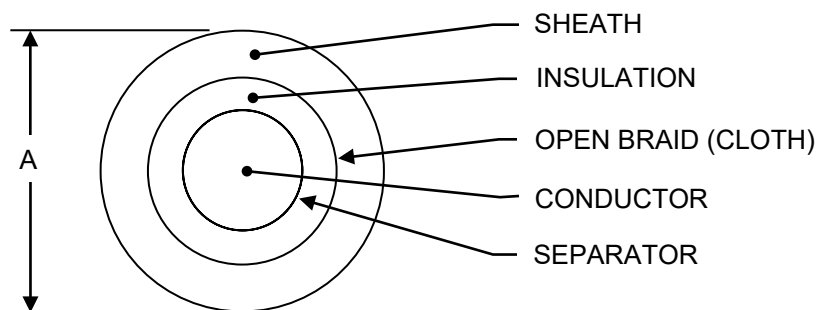


FIGURE 1. Configuration.

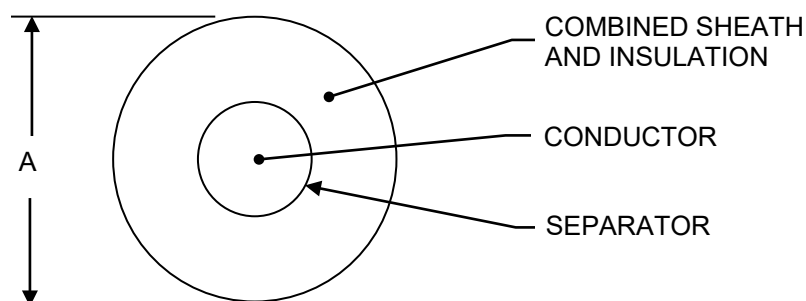


FIGURE 2. Configuration for optional construction.

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). Monomer EPM or equal.

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



MIL-DTL-13486/15C
w/AMENDMENT 1

TABLE I. Cable configuration.

PIN	Conductor AWG size	Minimum number of 0.0063 inch wires	Suggested lay-up of stranding ^{1/}	Approximate conductor diameter (inch)	Diameter "A" (inch)
M13486/15-1	0	2646	7x7x54	.423	.672 ± .010
M13486/15-2	00	3325	19x7x25	.508	.730 ± .020
M13486/15-4	0000	5320	19x7x40	.645	.865 ± .020

^{1/} Other stranding construction may be used provided they contain the minimum number of strands, and are of equivalent flexibility.

Qualification is not requirement. When specified in the contract, a sample shall be subjected to first article inspection. The first article testing shall consist of the qualification inspections specified in MIL-DTL-13486.

Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. 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.

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

CONCLUDING MATERIAL

Custodians:

Navy - SH
Air Force - 85
DLA - CC
Army - CR

Preparing activity:
DLA - CC

Review activities:

Army - AR
Navy - MC, OS
Air Force - 71, 84

(Project 6145-2018-054)

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.dla.mil>.