

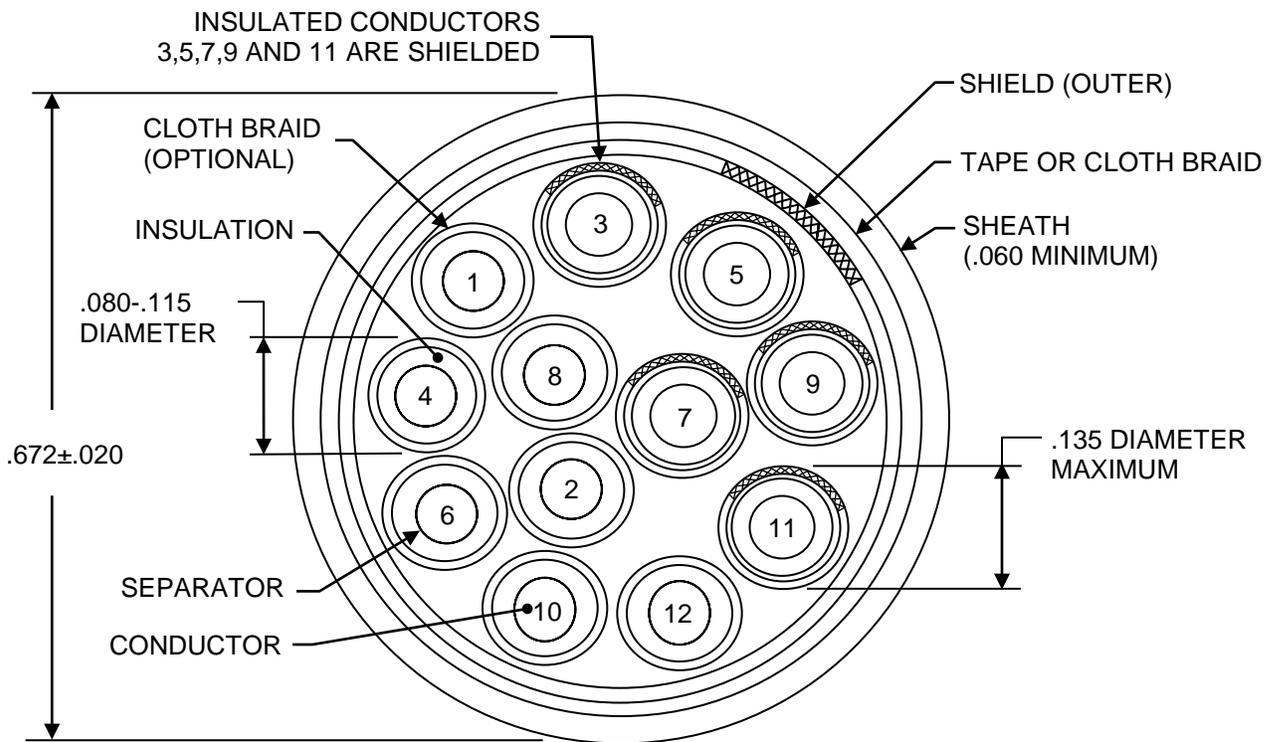
INCH-POUND  
MIL-DTL-13486/13D  
w/ AMENDMENT 1  
10 November 2016  
SUPERSEDING  
MIL-DTL-13486/13D  
21 May 2010

DETAIL SPECIFICATION SHEET

CABLE, SPECIAL PURPOSE, ELECTRICAL: LOW-TENSION, HEAVY-DUTY, MULTIPLE CONDUCTORS, SHIELDED

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.



Inches	mm
.020	0.51
.060	1.52
.080	2.03
.115	2.92
.135	3.43
.672	17.07

NOTE: Dimensions are in inches.  
Metric equivalents are given for information only.

FIGURE 1. Dimensions and configuration.



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Dimensions and configuration. See figure 1.

Conductor size. All conductors shall be size 20. See "Construction requirements for conductors" as specified in MIL-DTL-13486.

Longitudinal shifting. This requirement of MIL-DTL-13486 shall not apply.

Shielding. All shielding shall be electrically connected.

Shielding internal. Internal shielding shall consist of a closely and uniformly woven wire braid applied directly over the insulated conductors by means of a multiple carrier braider. Each carrier shall have no less than four strands of .005-inch diameter tinned copper wire. The shielding shall provide no less than 85% coverage.

Shielding outer. Outer shielding (see figure 1) shall consist of a closely and uniformly woven wire braid woven by means of a multiple carrier braider. Each carrier shall have no less than eight strands of .0063-inch diameter tinned copper wire. The shielding shall provide no less than 85% coverage.

Insulated conductors, identification. See table I.

Part or Identifying Number (PIN): M13486/13-1

Former PIN: 7724579

TABLE I. Color code chart.

Conductor number	Base	Stripe
1	Red	None
2	Red	Black
3	Red	White
4	Red	Green
5	Black	None
6	Black	White
7	Black	Red
8	Black	Green
9	White	None
10	White	Black
11	White	Red
12	White	Green

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.

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CONCLUDING MATERIAL

Custodians:

Navy - SH  
Air Force - 85  
DLA - CC

Preparing activity:

DLA - CC

Review activities:

Air Force - 71, 84, 99

(Project 6145-2016-045)

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>.