**Specification Details:** **Date: 4/27/2015**

Specification: MIL-DTL-13486
Title: Cable, Special Purpose, Electrical: Low-Tension, Heavy-Duty, Single-Conductor and Multiconductor, Shielded and Unshielded
Federal Supply Class (FSC): 6145
Conventional: Yes
Specification contains quality assurance program: No
MIL-STD-790 Established Reliability & High Reliability: No
MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
Weibull Graded: No
Specification contains space level reliability requirements: No
Specification allows test optimization: No

**Contact Information:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP
Primary Qualifying Activity Contact: 614-692-7076, e-mail: vqp.jbc@dla.mil
Secondary Qualifying Activity Contact: 614-692-2152, e-mail: vqp.cr@dla.mil

**Notes:**

Qualification of any one item in the grouping covers all items in the grouping. As of February 1992, no Group 7 low tension cables have been qualified under MIL-DTL-13486. Pending approval of these cables for inclusion on the QPL, the qualification requirement (paragraph 3.1) of MIL-DTL-13486 shall be waived; however, Group 7 low tension cables furnished under this specification shall be capable of passing the qualification tests, and procuring agencies may require contractors to furnish specimens of the cables that they propose to supply for Government inspection and contractual approval. Procurement agencies shall specify the particular tests necessary for contractual approval.

Classification: Cable is of the following types and classes, as specified:
Type I - Unshielded
Type II - Shielded
Class A - Single Conductor
Class B - Multiconductor

Size and arrangement of conductors. Cable is furnished in the size or combination of sizes and arrangement of conductors shown on the applicable specification sheet or drawing.

**Part Configuration:**

M13486/1-3

| Specification | Specification Sheet Number | Dash Number |
|---|---|---|
| M13486 | /1 | -3 |

**PART LISTINGS**

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|
| **TYPE I (UNSHIELDED)** | | | |
| **CLASS A (SINGLE CONDUCTOR)** | | | |
| **GROUP 1** | | | |
| **FIGURE 1** | | | |
| M13486/1-3 | | 5086 | Draka Cableteq USA, Inc. |
| M13486/1-4 | | 5086 | Draka Cableteq USA, Inc. |
| M13486/1-5 | | 5086 | Draka Cableteq USA, Inc. |
| M13486/1-6 | | 5086 | Draka Cableteq USA, Inc. |
| M13486/1-3 | | 4065 | General Cable Corp. |
| M13486/1-4 | | 4065 | General Cable Corp. |
| M13486/1-5 | | 4065 | General Cable Corp. |
| M13486/1-6 | | 4065 | General Cable Corp. |
| M13486/1-3 | | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-4 | | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-5 | | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| **BUNA/NEOPRENE** | | | |
| M13486/1-6 | 105013 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|
| **TYPE I (UNSHIELDED)** | | | |
| **CLASS A (SINGLE CONDUCTOR)** | | | |
| **GROUP 1** | | | |
| **FIGURE 1** | | | |
| **EPDM/NEOPRENE** | | | |
| M13486/1-6 | 138703 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| **OPTIONAL CONSTRUCTION** | | | |
| M13486/1-3 | | 51014 | Draka Cableteq USA, Inc. |
| M13486/1-4 | | 51014 | Draka Cableteq USA, Inc. |
| M13486/1-5 | | 51014 | Draka Cableteq USA, Inc. |
| M13486/1-6 | 090092-R-G16 | 51014 | Draka Cableteq USA, Inc. |
| **FIGURE 2** | | | |
| **SINGLE EXTRUSION CHLORINATED POLYETHYLENE (CPE)** | | | |
| M13486/1-3 | 143974 | USATAAC Ltr, dtd 23 Dec 94 | Prestolite Wire LLC |
| M13486/1-4 | 132980 | USATAAC Ltr, dtd 23 Dec 94 | Prestolite Wire LLC |
| M13486/1-5 | 143975 | USATAAC Ltr, dtd 23 Dec 94 | Prestolite Wire LLC |
| M13486/1-6 | 144665 | USATAAC Ltr, dtd 23 Dec 94 | Prestolite Wire LLC |
| **SINGLE EXTRUSION HYPALON** | | | |
| M13486/1-10 | | 851016 | Draka Cableteq USA, Inc. |
| M13486/1-3 | 7722204 | 9ND-NADC, Dtd 16 Feb 84 | General Cable Corp. |
| M13486/1-4 | 8690176 | 9ND-NADC, Dtd 16 Feb 84 | General Cable Corp. |
| M13486/1-5 | 7720853 | 9ND-NADC, Dtd 16 Feb 84 | General Cable Corp. |
| M13486/1-6 | 7056679 | 9ND-NADC, Dtd 16 Feb 84 | General Cable Corp. |
| M13486/1-3 | 129432 | DA-11472; MIL-C-13486-1171 | Prestolite Wire LLC |
| M13486/1-4 | 129433 | DA-11472; MIL-C-13486-1171 | Prestolite Wire LLC |
| M13486/1-5 | 129434 | DA-11472; MIL-C-13486-1171 | Prestolite Wire LLC |
| M13486/1-6 | 129435 | DA-11472; MIL-C-13486-1171 | Prestolite Wire LLC |
| M13486/1-3 | 181225-3-16 | 13486-958-04 | Therm-O-Link, Inc. |
| M13486/1-4 | 171219-1-4-16 | 13486-958-04 | Therm-O-Link, Inc. |
| M13486/1-5 | 171219-1-5-14 | 13486-958-04 | Therm-O-Link, Inc. |
| M13486/1-6 | 171219-1-6-14 | 13486-958-04 | Therm-O-Link, Inc. |
| **GROUP 2** | | | |
| **FIGURE 1** | | | |
| M13486/1-7 | | 851016 | Draka Cableteq USA, Inc. |
| M13486/1-9 | | 851016 | Draka Cableteq USA, Inc. |
| M13486/1-7 | | 4065 | General Cable Corp. |
| M13486/1-9 | | 4065 | General Cable Corp. |
| M13486/1-10 | | 4065 | General Cable Corp. |
| **BUNA/NEOPRENE** | | | |
| M13486/1-7 | 104014 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-9 | 105015 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-10 | 105016 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| **EPDM/NEOPRENE** | | | |
| M13486/1-7 | | 851016 | Draka Cableteq USA, Inc. |
| M13486/1-9 | | 851016 | Draka Cableteq USA, Inc. |
| M13486/1-10 | 09146-R-G12 | 851016 | Draka Cableteq USA, Inc. |
| M13486/1-7 | 138704 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-9 | 138706 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-10 | 138707 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|
| **TYPE I (UNSHIELDED)** | | | |
| **CLASS A (SINGLE CONDUCTOR)** | | | |
| **GROUP 2** | | | |
| **FIGURE 1** | | | |
| **OPTIONAL CONSTRUCTION** | | | |
| M13486/1-7 | 7056678 | 9ND-NADC dtd 19 Dec 80 | General Cable Corp. |
| M13486/1-9 | 7056677 | 9ND-NADC dtd 19 Dec 80 | General Cable Corp. |
| M13486/1-10 | 7056676 | 9ND-NADC dtd 19 Dec 80 | General Cable Corp. |
| **FIGURE 2** | | | |
| **SINGLE EXTRUSION CHLORINATED POLYETHYLENE (CPE)** | | | |
| M13486/1-7 | 143976 | USATAAC Ltr, dtd 23 Dec 94 | Prestolite Wire LLC |
| M13486/1-9 | 143978 | USATAAC Ltr, dtd 23 Dec 94 | Prestolite Wire LLC |
| M13486/1-10 | 143979 | USATAAC Ltr, dtd 23 Dec 94 | Prestolite Wire LLC |
| **SINGLE EXTRUSION HYPALON** | | | |
| M13486/1-7 | 129436 | DA-11472; MIL-C-13486-1171 | Prestolite Wire LLC |
| M13486/1-9 | 130762 | DA-11472; MIL-C-13486-1171 | Prestolite Wire LLC |
| M13486/1-10 | 130763 | DA-11472; MIL-C-13486-1171 | Prestolite Wire LLC |
| M13486/1-7 | 181225-7-12 | 13486-958-04 | Therm-O-Link, Inc. |
| M13486/1-9 | 171219-1-9-8 | 13486-958-04 | Therm-O-Link, Inc. |
| M13486/1-10 | 171219-1-10-6 | 13486-958-04 | Therm-O-Link, Inc. |
| **GROUP 3** | | | |
| **FIGURE 1** | | | |
| M13486/1-11 | | 4065; 8585 | General Cable Corp. |
| M13486/1-12 | | 4065; 8585 | General Cable Corp. |
| M13486/1-15 | | 4065; 8585 | General Cable Corp. |
| M13486/1-11 | | 9ND-NADC | General Cable Corp.<br>General Cable Corp. |
| **BUNA/NEOPRENE** | | | |
| M13486/1-11 | LSS-2142 | 781018 | Draka Cableteq USA, Inc. |
| M13486/1-12 | LSS-2142 | 781018 | Draka Cableteq USA, Inc. |
| M13486/1-14 | LSS-2142 | 781018 | Draka Cableteq USA, Inc. |
| M13486/1-15 | LSS-2142 | 781018 | Draka Cableteq USA, Inc. |
| M13486/1-17 | LSS-2142 | 781018 | Draka Cableteq USA, Inc. |
| M13486/1-12 | 77092 | 9ND-NADC | General Cable Corp. |
| M13486/1-11 | 107792 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-12 | 105017 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-14 | 105018 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-15 | 124846 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-17 | 13260 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| **EPDM/NEOPRENE** | | | |
| M13486/1-11 | 138708 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-12 | 138709 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-14 | 138710 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-15 | 138711 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| M13486/1-17 | 138712 | 4961; MIL-C-13486/182 | Prestolite Wire LLC |
| **OPTIONAL CONSTRUCTION** | | | |
| M13486/1-14 | | 4065; 8802 | General Cable Corp. |
| M13486/1-17 | | 4065; 8802 | General Cable Corp. |
| M13486/1-14 | | 9ND-NADC | General Cable Corp.<br>General Cable Corp. |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|
| **TYPE I (UNSHIELDED)** | | | |
| **CLASS A (SINGLE CONDUCTOR)** | | | |
| **GROUP 3** | | | |
| **FIGURE 1** | | | |
| **OPTIONAL CONSTRUCTION, BUNA/NEOPRENE** | | | |
| M13486/1-17 | 77161 | 9ND-NADC | General Cable Corp.<br>General Cable Corp. |
| **SINGLE EXTRUSION HYPALON** | | | |
| M13486/1-11 | 181225-1-11-4 | 13486-2167-08 | Therm-O-Link/Vulkor Wire and Cable |
| M13486/1-12 | 181225-1-12-2 | 13486-2167-08 | Therm-O-Link/Vulkor Wire and Cable |
| M13486/1-14 | 181255-1-14-1/0 | 13486-2167-08 | Therm-O-Link/Vulkor Wire and Cable |
| M13486/1-15 | 181255-1-15-2/0 | 13486-2167-08 | Therm-O-Link/Vulkor Wire and Cable |
| M13486/1-17 | 181225-1-17-4/0 | 13486-2167-08 | Therm-O-Link/Vulkor Wire and Cable |
| **GROUP 8** | | | |
| **FIGURE 2** | | | |
| **SINGLE EXTRUSION CHLORINATED POLYETHYLENE (CPE)** | | | |
| M13486/1-1 | 143972 | USATAAC Ltr. Dtd 23 Dec 94 | Prestolite Wire LLC |
| **SINGLE EXTRUSION HYPALON** | | | |
| M13486/1-1 | 129430 | DA-11472; MIL-C-13486-1171 | Prestolite Wire LLC |
| M13486/1-1 | 181225-1-20 | 13486-958-04 | Therm-O-Link, Inc. |
| **GROUP 9** | | | |
| **FIGURE 2** | | | |
| **SINGLE EXTRUSION CHLORINATED POLYETHYLENE (CPE)** | | | |
| M13486/1-2 | 143973 | USATAAC Ltr, dtd 23 Dec 94 | Prestolite Wire LLC |
| **SINGLE EXTRUSION HYPALON** | | | |
| M13486/1-2 | 090149-R-G18 | 851015 | Prestolite Wire LLC |
| M13486/1-2 | 129431 | MIL-C-13486-1171 | Prestolite Wire LLC |
| M13486/1-2 | 181225-2-18 | 13486-958-04 | Therm-O-Link, Inc. |
| **GROUP 10** | | | |
| **FIGURE 2** | | | |
| **SINGLE EXTRUSION CHLORINATED POLYETHYLENE (CPE)** | | | |
| M13486/1-8 | 143977 | USATAAC dtd 23 Dec 94 | Prestolite Wire LLC |
| **SINGLE EXTRUSION HYPALON** | | | |
| M13486/1-8 | 090150-R-G10 | 851017 | Draka Cableteq USA, Inc. |
| M13486/1-8 | | 9ND-NADC dtd 15 Feb 84 | General Cable Corp. |
| M13486/1-8 | 129437 | DA-11472; MIL-C-13486-1171 | Prestolite Wire LLC |
| M13486/1-8 | 181225-8-10 | 13486-958-04 | Therm-O-Link, Inc. |
| **CLASS B (MULTI CONDUCTOR)** | | | |
| **GROUP 4** | | | |
| **FIGURE 2** | | | |
| M13486/5-1 | | 8039 | Draka Cableteq USA, Inc. |
| M13486/5-1 | | 4065 | General Cable Corp. |
| M13486/9-1 | | 8039 | Draka Cableteq USA, Inc. |
| M13486/9-1 | | 4065 | General Cable Corp. |
| M13486/10-1 | | 8039 | Draka Cableteq USA, Inc. |
| M13486/10-1 | | 4065 | General Cable Corp. |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|
| **TYPE I (UNSHIELDED)** | | | |
| **CLASS B (MULTI CONDUCTOR)** | | | |
| **GROUP 5** | | | |
| **FIGURE 2** | | | |
| M13486/12-1 | | 781018 | Draka Cableteq USA, Inc. |
| M13486/12-1 | | 4065 | General Cable Corp. |
| **TYPE II (SHIELDED)** | | | |
| **CLASS B (MULTI CONDUCTOR)** | | | |
| **GROUP 6** | | | |
| **FIGURE 2** | | | |
| M13486/13-1 | 77FF002 | 77FF002 | Draka Cableteq USA, Inc. |

## Manufacturer and Supplier Location Information

**Manufacturer: Draka Cableteq USA, Inc. (CAGE Code: 71102)**
Location: 22 Joseph E. Warner Boulevard, North Dighton, MA 02764-1300, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: General Cable Corp. (CAGE Code: 81774)**
Location: 4 Tesseneer Drive, Newport
Newport, KY 41076, US

Plants:

1. General Cable Corp (RI), 3 Carol Drive, Linclon, RI 02865, US

**Manufacturer: Prestolite Wire LLC (CAGE Code: 88945)**
Location: #1 Prestolite Drive, Paragould, AR 72450, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Therm-O-Link, Inc. (CAGE Code: 5T147)**
Location: 10513 Freedom Street, Garrettsville, OH 44231-9244, US

Plants:

1. Plant: Same Address as Manufacturer
2. Therm-O-Link/Vulkor Wire and Cable, CAGE: 5T147, 621 Dana Street, Warren, OH 44231, US