Specification Details: **Date: 3/25/2020**

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: 614-692-2152, e-mail: vqp.cr@dla.mil
Secondary Qualifying Activity Contact: 614-692-3757, e-mail: vqp.dl@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		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
EPDM/NEOPRENE			
M13486/1-6	138703	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			
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	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.
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
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.

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 2			
SINGLE EXTRUSION HYPALON			
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			
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.
M13486/1-11	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
SINGLE EXTRUSION HYPALON			
M13486/1-11	181225-1-11-4	13486-2167-08	Therm-O-Link/Vulkor Inc
M13486/1-12	181225-1-12-2	13486-2167-08	Therm-O-Link/Vulkor Inc
M13486/1-14	181255-1-14-1/0	13486-2167-08	Therm-O-Link/Vulkor Inc
M13486/1-15	181255-1-15-2/0	13486-2167-08	Therm-O-Link/Vulkor Inc
M13486/1-17	181225-1-17-4/0	13486-2167-08	Therm-O-Link/Vulkor Inc
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

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 10			
FIGURE 2			
SINGLE EXTRUSION HYPALON			
M13486/1-8	090150-R-G10	851017	Draka Cableteq USA, Inc.
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.
M13486/9-1		8039	Draka Cableteq USA, Inc.
M13486/10-1		8039	Draka Cableteq USA, Inc.
GROUP 5			
FIGURE 2			
M13486/12-1		781018	Draka Cableteq USA, Inc.
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: 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 Inc, CAGE: 5T147, 621 Dana Street NE # 5, Warren, OH 44483, US