

**Specification Details:**

Specification: MIL-DTL-3702  
 Title: Cable, Power, Electrical: Ignition, High-Tension  
 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:**

1. Specification number. The type designation will consist of the defense specification number with the prefix M.
2. Type of shielding. The type of shielding is identified by the letter U or S as follows:  
 U - Unshielded  
 S - Shielded
3. Cable diameter. The cable diameter will be designated as follows:  
 5 - 5 millimeter (mm) nominal diameter  
 7 - 7 millimeter (mm) nominal diameter
4. Upper temperature limit. The upper temperature limit will be designated in degrees Fahrenheit (°F) as follows:  
 L: Plus 250°F to minus 65 °F  
 M: Plus 450°F to minus 65 °F  
 H : Plus 600°F to minus 65 °F
5. Conductor material. The conductor material will be designated as follows:  
 C - Copper: 19 strands for low and medium temperature, 37 strands for high temperature  
 S - Steel: 7 strands, corrosion resistant
6. Cable applications. Cable applications will be designated as follows:  
 A - Air Force aircraft  
 B - Other than Air Force aircraft

**Part Configuration:**

M3702U5LSA

| Prefix M | Specification Number | Type of Shielding | Cable Diameter | Temperature Limit | Conductor Material | Cable Application |
|----------|----------------------|-------------------|----------------|-------------------|--------------------|-------------------|
| M        | 3702                 | U                 | 5              | L                 | S                  | A                 |

**PART LISTINGS**

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|------------------------|---|---------------------------------|--|
| M3702-S5HCB            |   | 7622                            | Draka Cableteq USA, Inc.               |
| M3702-S7HCB            |   | 7622                            | Draka Cableteq USA, Inc.               |
| M3702-S5HSB            |   | 7622                            | Draka Cableteq USA, Inc.               |
| M3702-S7HSB            |   | 7622                            | Draka Cableteq USA, Inc.               |
| M3702-S5MCB            | LSS-1853                                  | BIW-75C012 & 7622               | Draka Cableteq USA, Inc.               |
| M3702-S7MCB            | LSS-1724                                  | BIW-73H038 & 7622               | Draka Cableteq USA, Inc.               |
| M3702-S5MSB            |   | BIW-75C012 & 7622               | Draka Cableteq USA, Inc.               |
| M3702-S7MSB            |   | BIW-73H038 & 7622               | Draka Cableteq USA, Inc.               |
| M3702-U5HCB            |   | 7622                            | Draka Cableteq USA, Inc.               |
| M3702-U7HCB            | PFWT-70                                   | 7622                            | Draka Cableteq USA, Inc.               |
| M3702-U5HSB            |   | 7622                            | Draka Cableteq USA, Inc.               |
| M3702-U7HSB            |   | 7622                            | Draka Cableteq USA, Inc.               |
| M3702-U5MCB            | LSS-1853 PRGTX-5C                         | BIW-75C012 & 7662               | Draka Cableteq USA, Inc.               |
| M3702-U7MCB            | LSS-1724                                  | BIW-73H038 & 7662               | Draka Cableteq USA, Inc.               |

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| GOVERNMENT<br>DESIGNATION | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------|---|---------------------------------------|---|
| M3702-U5MSB               |   | BIW-75C012 & 7622                     | Draka Cableteq USA, Inc.                  |
| M3702-U7MSB               |   | BIW-73H038 & 7622                     | Draka Cableteq USA, Inc.                  |

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**Manufacturer and Supplier Location Information**

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**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