

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:

DSCC Office of Primary Involvement: Passive Devices Team, DSCC-VQP
 Primary DSCC-VQ Contact: 614-692-0620, e-mail: vqp.rvm@dla.mil
 Secondary DSCC-VQ Contact: 613-692-2193, e-mail: vqp.st@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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M3702-U5MSB		BIW-75C012 & 7622	Draka Cableteq USA, Inc.
M3702-U7MSB		BIW-73H038 & 7622	Draka Cableteq USA, Inc.

Manufacturer and Supplier Location Information

Manufacturer: Draka Cableteq USA, Inc. (CAGE Code: 7M664)

Location: 20 Joseph E. Warner Boulevard, North Dighton, MA 02764, US

Plants:

1. Same Address as Manufacturer