

**Specification Details:**

Specification: MIL-PRF-49291  
 Title: Fiber, Optical (Metric)  
 Federal Supply Class (FSC): 6010  
 Conventional: No  
 Specification contains quality assurance program: No  
 MIL-STD-790 Established Reliability & High Reliability: Yes  
 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: 614-692-7076, e-mail: vqp.jbc@dla.mil  
 Secondary DSCC-VQ Contact: 614-692-2867, e-mail: vqp.ab@dla.mil

**Notes:**

N/A

**Part Configuration:**

**M49291/X-XXX**

Basic Specification	Specification Sheet	Dash Number
M49291	/X	-XXX

**Part Listings:**

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
M49291/6-03	Corning® 62.5/125 CPC6	49291-297-94	Corning, Inc.
M49291/7-01	Corning® CPC6;0.4/0.3;100KPSI	49291-298-94	Corning, Inc.
M49291/1-02	402	49291-1206-05	Draka Fibre Technology
M49291/6-05	452	49291-1206-05	Draka Fibre Technology
M49291/1-01	50/125 um GIMMF, Coating DLPC9, Product Code 409	49291-685-03	Draka USA
M49291/6-03	Draka Fibre Technology 62.5/125um GIMM Coating DLPC9 Product Code: 459	49291-104-97	Draka USA
M49291/7-01	Draka Fibre Technology Single Mode Fibre Coating DLPC9 Product Code: 269	49291-1018-04	Draka USA
M49291/6-05	OC-062H-BF	49291-003-01	General Cable
M49291/7-02	OC-009S-BF	49291-003-01	General Cable
M49291/1-01	FPQ300-35501050	49291-1705-06	J-Fiber GmbH
M49291/1-02	FPR300-35501050	49291-1705-06	J-Fiber GmbH
M49291/6-03	FKQ200-35301060	49291-1705-06	J-Fiber GmbH
M49291/6-05	FKR200-35301060	49291-1705-06	J-Fiber GmbH
M49291/7-01	FTQ400-04000300	49291-1705-06	J-Fiber GmbH
M49291/7-02	FTR400-04000300	49291-1705-06	J-Fiber GmbH
M49291/6-03	562	49291-1649-06	OFS Fitel, LLC

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Corning, Inc. (CAGE Code: 27167)**

Location: One Riverfront Plaza, Corning, NY 14831, US

Plant Location: CAGE Code: 27167, 310 College Road, Wilmington, NC 28405-3518, US

**Manufacturer: Draka USA (CAGE Code: H0X93)**

Location: Draka Comteq USA, Inc., 22 Joseph E. Warner Boulevard, N. Dighton, MA 02038, US

Plant Location: Draka Fibre Technology, P.O. Box 1442, 5602 BC Eindhoven, The Netherlands

**Manufacturer: General Cable (CAGE Code: 4AJA4)**

Location: 20 Forge Park, Franklin, MA 02038, US

Plant Location: Same Address as Manufacturer

**Manufacturer: J-Fiber GmbH (CAGE Code: CA543)**

Location: Im Semmicht 1, 07751 Jena, Germany

Plant Location: Same Address as Manufacturer

**Manufacturer: OFS Fitel, LLC (CAGE Code: 396V4)**

Location: 50 Hall Road, Sturbridge, MA 01566, US

Plant Location: Same Address as Manufacturer