



Connectivity Delivered

Measurement Quality Jumpers (MQJs) Test Set

MQJ Test Kit Part# 0701-7045

Replacement MQJ Part# KFO 60510

NSN: 6070-01-417-5230

Eliminate Costly Rework by Using Measurement Quality Jumpers

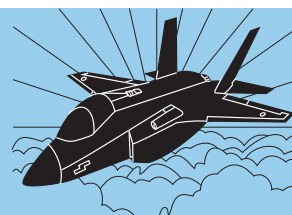
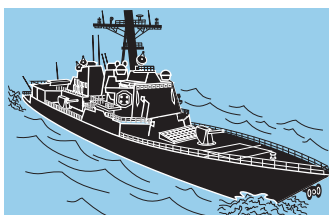
This kit was designed by KITCO Fiber Optics for the U.S. Navy to perform link loss testing. Link loss testing is a critical part of ensuring that any fiber optic installation meets the desired performance criteria set forth in the MIL-STD-2042C (SH). Many installers are not aware of the need to use only Measurement Quality Jumpers to ensure consistent, repeatable, and reliable results.

Measurement Quality Jumpers (MQJs) are test cables that are manufactured using high quality connectors. KITCO's strict assembly and testing procedures allow us to certify only cables that fall within a specific range (.01dB -0.35dB loss) and with a standard consistency (0.05db standard deviation). Because of these tolerances, an MQJ will correctly reject a link that does not meet the prescribed standards.

The #0701-7045 MQJ Test Set includes three each of the KITCO Part #KFO60510 (NAVSEA DWG. 6877804-05) which are specified in the MIL-STD-2042C and have been listed on NAVSEA Systems Command Qualified Parts List (QPL). This unique kit also contains a high precision light source and power meter that is required to meet a much higher Coupled Power Ratio (CPR) than conventional, commercial grade products. All necessary cleaning wipes such as alcohol pad and lint less probe sticks are also. Two singlemode quality couplings are in the test set to interface utilizing the one jumper method specified in the MIL-STD -2042C.



Call 1.757.518.8100 or visit www.kitcofiberoptics.com
5269 Cleveland Street, Virginia Beach, VA 23462 - Fax 1.757.518.9700





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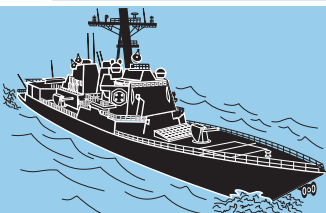
The Navy requires...
The use of MQJs (Measurement Quality Jumpers) in accordance with the NAVSEA Drawing #'s 6877804 and 8324329 when testing shipboard based optical fiber cable plants per MIL-STD-2042C. MQJs are available for both multimode (62.5/125 and 50/125) and singlemode enhanced applications.

NAVSEA Drawings for Multimode MQJs

NAVSEA Drawing#	NSN	Description	Length	Part#
6877804-01	6020-01-417-1963	ST-ST, 62.5/125µm	50 meters	KFO 60110
6877804-02	6020-01-425-9732	ST-RMS, 62.5/125µm	50 meters	KFO 60210
6877804-03	6020-01-417-1964	ST-pin, 62.5/125µm	50 meters	KFO 60310
6877804-04	6020-01-417-1967	ST-socket, 62.5/125µm	50 meters	KFO 60410
6877804-05	6020-01-417-5230	ST-ST, 62.5/125µm	1 meter	KFO 60510
6877804-06	6020-01-425-9721	ST-RMS, 62.5/125µm	1 meter	KFO 60610
6877804-07	6020-01-417-5244	ST-4 fiber plug, 62.5/125µm	1 meter	KFO 60710
6877804-08	6020-01-418-6285	ST-4 fiber receptacle, 62.5/125µm	1 meter	KFO 60810
6877804-09	6020-01-425-9727	ST-8 fiber plug, 62.5/125µm	1 meter	KFO 60910
6877804-10	6020-01-425-9730	ST-8 fiber receptacle, 62.5/125µm	1 meter	KFO 61010
6877804-12	6625-01-495-7550	ST-31 fiber plug, 62.5/125µm	1 meter	KFO 61210
6877804-13	6625-01-495-7752	ST-31 fiber receptacle, 62.5/125µm	1 meter	KFO 61310
8324329-01	6060-01-607-2009	ST-ST, 50/125µm	50 meters	KFO 65110
8324329-02	in process	ST-pin, 50/125µm	50 meters	KFO 65310
8324329-03	in process	ST-socket, 50/125µm	50 meters	KFO 65410
8324329-04	6060-01-607-2617	ST-ST, 50/125µm	1 meter	KFO 65510
8324329-05	6060-01-607-2622	ST-8 fiber plug, 50/125µm	1 meter	KFO 65910
8324329-06	6060-01-607-2002	ST-8 fiber receptacle, 50/125µm	1 meter	KFO 65010

NAVSEA Drawings for Singlemode Enhanced MQJs

NAVSEA Drawing#	NSN	Description	Length	Part#
6877804-01SME	6625-01-498-9987	ST-ST, 9.0/125µm	50 meters	KFO 60130
6877804-03SME	6625-01-498-9980	ST-pin, 9.0/125µm	50 meters	KFO 60330
6877804-04SME	6625-01-498-9988	ST-socket, 9.0/125µm	50 meters	KFO 60430
6877804-05SME	6625-01-498-9998	ST-ST, 9.0/125µm	1 meter	KFO 60530
6877804-07SME	6625-01-496-9904	ST-4 fiber plug, 9.0/125µm	1 meter	KFO 60730
6877804-08SME	6625-01-496-9906	ST-4 fiber receptacle, 9.0/125µm	1 meter	KFO 60830
6877804-09SME	6625-01-496-9913	ST-8 fiber plug, 9.0/125µm	1 meter	KFO 60930
6877804-10SME	6625-01-496-9910	ST-8 fiber receptacle, 9.0/125µm	1 meter	KFO 61030
6877804-12SME	6625-01-496-9911	ST-31 fiber plug, 9.0/125µm	1 meter	KFO 61230
6877804-13SME	6625-01-496-9912	ST-31 fiber receptacle, 9.0/125µm	1 meter	KFO 61330



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