



Navy Shipboard Training Certification Program
Multi-Pin Connector Information Sheet

6000-5000

Multi-pin Copper Connector Course

This course meets the requirements of NAVSEA Standard Item 009-73 and MIL-STD-2003-5A. 009-73 paragraph 4.5.1 Connector fabricator Qualification requirement: Successful completion of the formal training course (32 hours) plus successful completion of 40 hours of on-the-job training under the tutelage of a qualified connector fabricator or a qualified fabrication supervisor in the type of connector to be fabricated, either electrical or electronic.

Our course meets the requirement stated above plus provides 8 hours of specialized training on low voltage connectors commonly used on Naval Ships and submarines (CAT 5). Once the trainee completes the 40-hour course they will be “qualified” on all connectors listed in MIL-STD 2003-5A. The technician will receive a card stating they are qualified. (8 hours are applied to the 40 hours of mandated OJT during the course.) Once the technician obtains 32 additional documented hours of OJT. The company/organization will submit to KITCO proof of those hours and the technician will now be recognized as a “Fully Qualified Connector Fabricator” and receive their Certification Card.

KITCO’s courses have been developed in strict adherence to the requirements identified in the applicable documents listed above. KITCO Fiber Optics has met all NAVSEA requirements to provide this shipboard copper training.

The following connectors make up the content for the NAVSEA qualification requirements:

- ***MIL-C-81511 Series 1 and 2 Gang Contact Release Connector Assembly***
- ***MIL-DTL-5015 Connectors***
- ***MIL-DTL-26482 Connectors***
- ***MIL-DTL-28840 Connectors***
- ***MIL-DTL-27599 Connectors***
- ***MIL-DTL-22992 Connectors***
- ***MIL-DTL-38999 Connectors***
- ***RJ-45 Connectors***

This is mandatory training for any person that currently is or has the potential to perform Navy Shipboard multi-pin connector installations. These personnel include (but not limited to) supervisors, QA inspectors, installers/technicians employed by: Ship Builders, SUPSHIP, and



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Government/Contracted Installation/Repair Teams, AIT's, Ship/Planning Yards, OSR's, RMC's, FMA's, ISEA'S, and Industrial Activities.

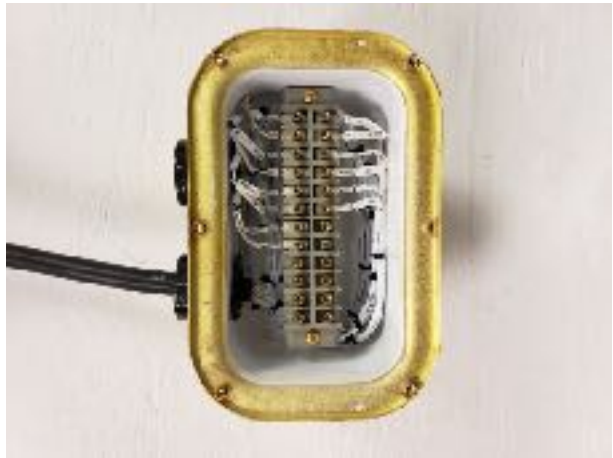
6000-5010

Copper Cableway Course

This course meets the requirements of NAVSEA Standard Item 009-73 and MIL-STD-2003-4A. 009-73 paragraph 4.5.1. Our course combines instructor lead classroom lectures, videos and hands-on labs where the students will perform an install wiring a system from the power panel through the distribution box, switch, receptacle, and light fixture. Students will learn how to use a multimeter and how to use a Megger to validate the cables.

Once students complete our copper cableway course, they will receive a NAVSEA Cableway Certification card. Topics include: Stuffing Tubes, Multicable Penetrators, Dead-end Cable, Cable Splicing, Chafing Rings, Hangers, Banding, Removal and Installation Techniques, Penetration of Equipment and Connections, Repairing Insulation Damage, Testing Cables, Special Tools and Equipment, Wiring Techniques, and Inspection of Cableways.

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KITCO cableway training provides a unique “hands-on” experience for the technician with our classroom Mock-ups.”