



NGCON 5-Day Training

Amphenol Fiber Systems International's (AFSI) NGCON training course is designed for persons who are involved in the installation, testing, troubleshooting or maintenance of fiber optic, interconnect systems focusing on the NGCON connectors, this class is ideal for military and civilian field personnel responsible for the maintenance and installation of tactical fiber optic networks.

AFSI offers multiple types of training, which can be customized depending upon customer requirements.

On-site Training: AFSI offers training at our location in Allen, Texas, according to your schedule. Our expert trainers provide classroom instruction in a well equipped, modern training facility. Hands-on lab activities support the classroom instruction and allow one-on-one interaction and guidance from the instructor.

Mobile Training: AFSI also provides this training at customer-specified locations for up to eight students. We can tailor our training for larger class sizes. Mobile training minimizes travel for the class participants and reduces costs. In addition, students may learn in their own environment, allowing them to apply the training more quickly. AFSI offers flexible scheduling and can accommodate training during normal business hours or after.

Day One: Fiber Optics 101

- Introduction and Welcome
- Introduction to Fiber Optics
- Fiber Optic Advantages
- Fiber Optic Essentials
- Light Guiding Principles
- Fiber Optic Cables
- Fiber Optic Connectors
- Fiber Optic Safety
- Demonstration ST Assembly
- Student ST-ST Cable Assembly

Day Two: Hands-On Lab

- Continuation of Student ST-ST Cable Assembly
- Demonstration of NGCON
- Student Assembly of NGCON Receptacle

Day Three: Hands-On Lab

- Student ST-ST Cable Assembly
- Continuation of Student NGCON Assembly
- Demonstration of NGCON Plug Assembly
- Student Assembly of NGCON Plug

Day Four: Hands-On Lab

- Continuation of Student NGCON Assembly
- Troubleshooting and Testing Methodologies
- Test equipment Utilization and

Day Five: Hands-On Lab

- Trouble Shooting Techniques
- Troubleshooting and Testing Methodologies
- Mechanical and Fusion Splicing



Certifications

Successful completion of the five day course and test qualifies the student to receive a certification from Amphenol Fiber Systems International on the NGCON connector.

For an additional cost we offer the ETA Fiber Optic Installer (FOI) and the Fiber Optic Technician (FOT) certifications.

Other Courses Offered

- TFOCA
- TFOCAII®
- M28876
- ARINC 801
- EXPANDED BEAM
- ARINC 801
- D38999

Part Numbers:

Product Name	Product Number
NGCON AFSI On-Site	FT-NGC-1-01-5
NGCON Mobile Training	FT-NGC-2-01-5

How to order

For more information on how to order or to obtain a price quote on NGCON training, or other AFSI products, call toll free (U.S. only) at 800.472.4225, international calls please use 1.214.547.2400 or e-mail sales@fibersystems.com.

About AFSI

Amphenol Fiber Systems International (AFSI) designs, manufactures, markets and supports reliable and innovative fiber optic interconnect solutions that withstand the harsh environments of military, oil & gas and mining applications.

After more than 3 decades in business, AFSI continues to uphold its position as a global leader in fiber optic interconnect components and systems such as termini, M28876, Expanded Beam, MIL-ST, TFOCA and the TFOCA-II® connector, which AFSI developed and patented.

AFSI has delivered millions of fiber optic connectors in more than 22 countries. Whenever there is a need for superior, cost-effective fiber optic systems and products that will stand up to demanding operating environments, you can rely on AFSI for engineering know-how, top-quality products and expert technical support.

For more information about AFSI, visit www.fibersystems.com