
Understanding Connectors Used with the Network Analyzer

Technical Data

Course Overview

The Understanding Connectors Used with the Network Analyzer course (85050A+24A) covers the techniques used to prepare and physically connect the calibration standards and the device under test to the network analyzer.

Upon completion of the course, students should be able to prepare test ports and know what to look for when cleaning, inspecting, and gauging all connectors in the setup, and should be able to perform measurements to establish concepts of acceptable connector and cable repeatability. With these skills students will improve the accuracy and repeatability of all measurements, saving both time and money.

Course Features

- Familiarization with the Coaxial Connectors used with the Network Analyzer
- Understanding how Connectors of the Network Analyzer and the Device Under Test Affect Accuracy of the Measurement
- Proficiency in Cleaning, Inspecting, and Gauging Connectors

- Interpreting Test Results to Judge Connector performance

Specifications

Course Length

1/2 day

Audience

Engineers, technicians and those who want to improve the accuracy and repeatability of all measurements.

Prerequisites

It is recommended that student has successfully completed Basic Network Measurement Using the HP 8510 Network Analyzer (8510C+24D), or has equivalent experience.

Delivery Method

Dedicated

Format

Course content is 50% lecture and 50% lab. Student will work in pairs on lab exercises using a Vector Network Analyzer.

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Classroom Training Benefits

Experienced HP Instructors

Learn from an experienced HP instructor who is an expert in using and applying instrument systems to meet your measurement needs.

Available at HP Classrooms or Your Site

Take advantage of HP's learning facilities, equipment, and interactive learning environment by attending class at an HP facility. Or, save travel expenses and time by organizing a dedicated class at your location.

Regularly Scheduled Classes

Plan training months in advance.

Extensive Hands-on Practice

HP classroom training is characterized by extensive hands-on experience and interactive class discussion. HP classroom training pays off immediately because it is geared to real-world solutions.

Comprehensive Student Materials

Copies of course materials are provided for future reference on the job.

Course Number: 85050A+24A (dedicated)

Understanding Connectors Used with Network Analyzer (85050A+24A)

Agenda

- Fundamentals of Connectors
- Principles of Connector Care
- Test Port Extension Cables and Adapters
- Gauging Connectors
- Connection Techniques
- Measurement Uncertainty Qualifying the Connection

Ordering Information

To order Understanding Connectors Used with the Network Analyzer (85050A+24A) in the U.S. call 1-800-HPCLASS (800-472-5277).

HP's Customer Registration Center can provide you with price, scheduling, and enrollment information, as well as provide information customizing a course for your specific needs.

Outside the U.S., contact your nearest local HP sales office.

Region Sales Headquarters:

United States:

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