SRAL XD Plug-In Data Interface - PDH Split Radio System (FT4217-01S)

Brief Description

- SRAL XD P.in Data Interface PDH Split Radio System Operation, Administration, Maintenance and Commissioning is a course for service. The topics are among others getting to know the Features, Equipment and System Operation, including practical exercises. After completing this course, the participant is acquainted with equipment features, design, applications, operations and maintenance.

Target Group

- Personnel who commission and integrate SRAL XD Data Interface PDH Access Radio
- Personnel who operate and maintain SRAL XD Data Interface PDH Access Radio

Learning Target

- The participant is able to:
  - discuss equipment features, design and applications
  - practice operation and maintenance
  - practice commissioning

Prerequisite

- Participants must have some technical knowledge in telecommunications.
- Some basic knowledge in PDH is required.

Contents

- **Features**
- Radio Systems Overview
- SRAL XD Split Radio System
- **Mechanical Design**
- Identification Plates
- IDU type
- Plug-In Overview
- PDH Plug-in
- Ethernet Interface
- ODU type
- ODU HD/HP
- ODU HDe
- **Equipment**
- Equipment Composition

For additional information:

Website www.radioengineering.it   Email   sidicomcr@gmail.com

- **System Interfaces**
- Equipment Block Diagram
- Data Interface
- LAN/VLAN Concept
- Bridge Configuration
- Scheduler
- **System Operation**
- IDU Plug-In Block Diagram
- ODU Block Diagram
- Equipment Configurations
- Protection Configurations
- **System Maintenance**
- Alarm Philosophy
- Alarm Signalling LED
- PC as Equipment Configuration and Diagnostic Tool
- **Measurement Exercises**
- ODU Output Level – Measurement
- RF Spectrum – Measurement
- Loop-Back
- BER Measurement dependent on RX Level
- Measurement on Ethernet Traffic
- **Commissioning**
- Presetting
- Turn-on
- Equipment measurements
- Field test
- Protocol description

Notes

- null

Duration

4.00 days

Related Courses: learning path link

- Basic on Digital Radio (IMC0018METD) – PDH Basics (TG2510-01S)

Max number of participants (suggested)

8

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Course Type

Practical and theoretical course with test-bed