

# R&S®OSP150

## Open Switch and Control Platform

### Extension unit for additional RF switch and control tasks



#### At a glance

In view of complex or remote switching tasks as well as later expansion, the R&S®OSP150 extension unit is the ideal addition to an R&S®OSP base unit.

#### Features and benefits

##### Compact

Like the other units of the platform, the R&S®OSP150 is accommodated in a 19" wide cabinet of two height units.

##### Expanded range of functions ensures flexibility and safety of investment

One or more extension units can be connected via the base unit's CAN bus port. This allows the range of functions to be expanded as necessary and also makes it possible to meet future demands.

##### Powerful control and RF relay modules

The switch and control modules are inserted into the three rear module slots. The versatile 18 GHz RF relays and 16-bit input/output modules can be combined as required and enable you to configure the R&S®OSP cost-efficiently according to the application at hand.

##### Easy control and system integration

The R&S®OSP150 extension units are controlled from the base unit. After connection via the CAN bus, the base unit detects the connected extension units and their configuration. The R&S®OSP can be configured from an application program or via the operating software supplied.

##### Low emission

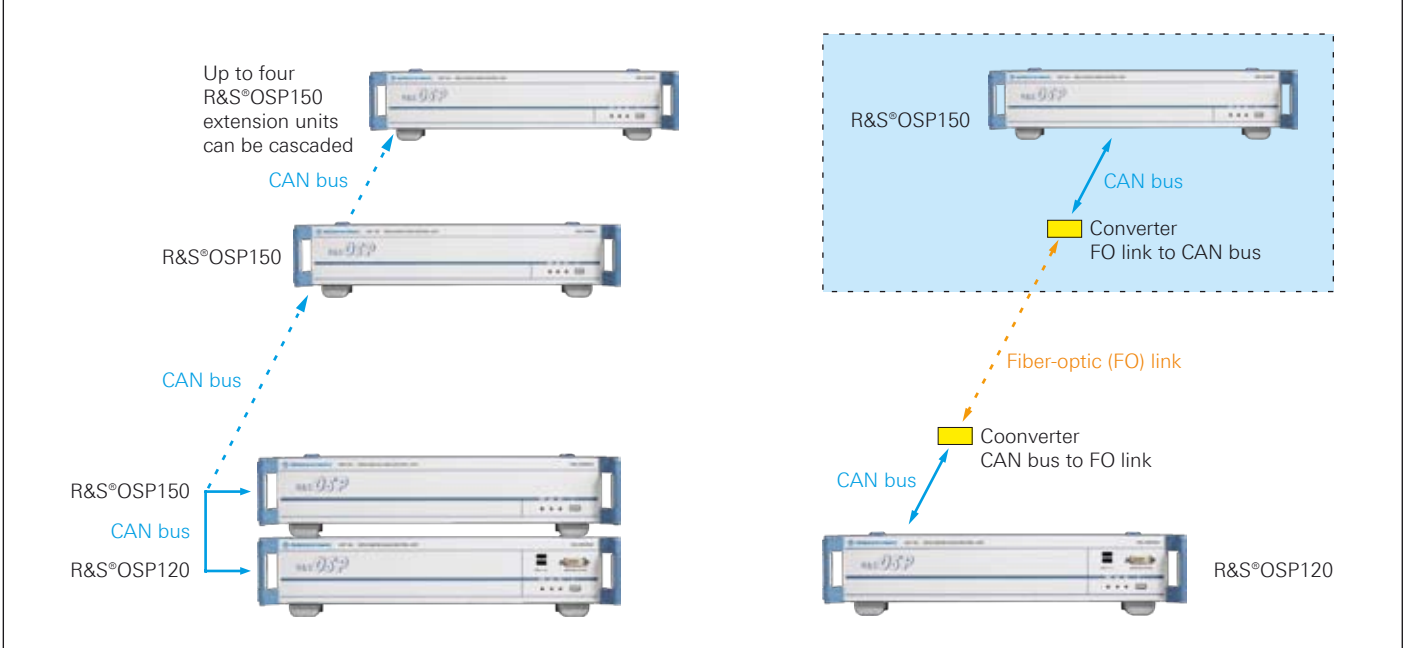
The CAN bus is especially suited for use in interference-sensitive applications, since signals are present on the lines only during the control processes. This feature is beneficial particularly in the case of EMC measurements, as the measurements are performed during path switching.

In connection with a converter from CAN bus to fiber-optic links (FOL), the R&S®OSP150 extension unit can be used for remote switch tasks in shielded chambers.

**75** Years of Driving Innovation

  
**ROHDE & SCHWARZ**

## Combinations of the R&S®OSP120 and the R&S®OSP150



# Ordering information

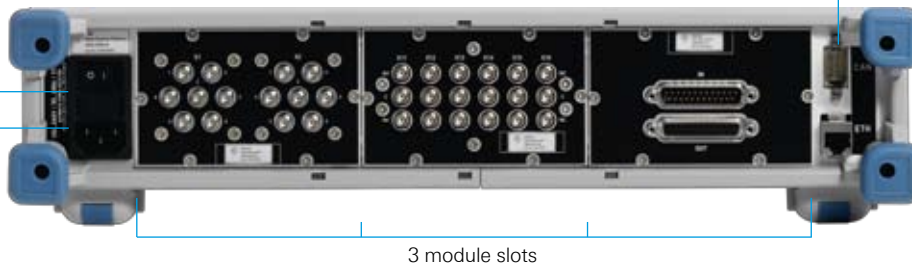
Open Switch and Control Platform	Type	Order No.
Base Unit	R&S®OSP120	1505.3009K02
Extension Unit	R&S®OSP150	1505.3009K05

Options	Type	Order No.
6 × Coaxial Changeover Relays (SPDT), 0 Hz to 18 GHz	R&S®OSP-B101	1505.5101.02
2 × Coaxial Multiposition Relays (SP6T), 0 Hz to 18 GHz	R&S®OSP-B102	1505.5201.02
16 × Digital Inputs/Outputs	R&S®OSP-B103	1505.5301.02

Accessories	Type	Order No.
CAN Bus Cable, 0.5 m	R&S®OSP-Z101	1505.4505.02
CAN Bus Cable, 5 m	R&S®OSP-Z102	1505.4511.02
CAN Bus Y Cable, 0.5 m	R&S®OSP-Z103	1505.4528.02

Power switch in addition to standby switch on front

Power supply 100 V to 240 V



CAN bus port for connection between base unit and extension unit

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\*0.14 €/min within German wireline network; rates may vary in other networks (wireline and mobile) and countries.