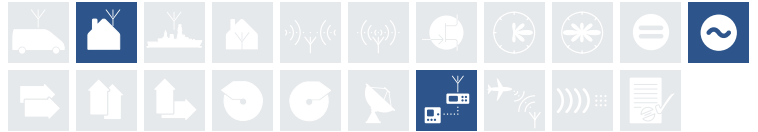


R&S®OCB600 OUTDOOR CONTROL FOR R&S®AU600

For efficient system integration of the R&S®AU600



The R&S®OCB600 is an outdoor control box for the R&S®AU600 active omnidirectional receiving antenna system. All functions of the R&S®AU600 are supported, including active/passive switching and selection of the integrated filters.

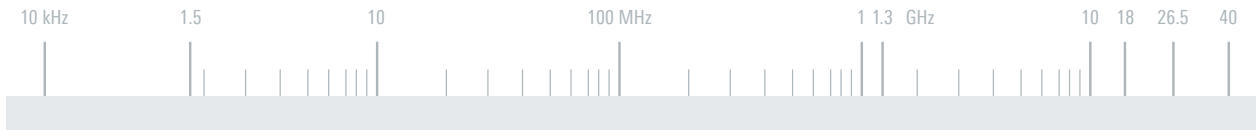
The R&S®OCB600 has two Ethernet interfaces, one DC input and one control output. The first Ethernet interface provides the link to the receiving unit (e.g. R&S®UMS300). It also features power over Ethernet (PoE) to supply power to the R&S®AU600. Alternatively, the R&S®AU600 can be powered by an external 24 V DC source via the DC input. If both power sources are connected, the DC supply has priority. The second Ethernet interface is used to connect additional devices such as the R&S®FU129 filter unit, for example. The control output connects the R&S®OCB600 to the R&S®AU600. RF cables run directly between the R&S®AU600 and the receiving unit.

The R&S®OCB600 is ideal when connecting the R&S®AU600 to the R&S®UMS300, but it can of course be used with other receivers and systems as well. For seamless integration into Rohde&Schwarz monitoring systems, a device driver for R&S®ARGUS is available.

Key facts

- ▶ Control of all functions of the R&S®AU600
- ▶ Designed for outdoor use





Specifications		
Base unit	control input	remote control via Ethernet using SCPI
	control output	power supply and 16 differential RS-422 control signals for an R&S®AU600 antenna
Interfaces	DC voltage input	5-contact circular connector (female)
	Ethernet	10/100 Mbit Ethernet, RJ-45 (female)
	Ethernet/PoE input	10/100 Mbit Ethernet, RJ-45 (female)
	control output	55-contact MIL connector (female)
Power supply	DC in	+24 V ±2 V DC, max. 1 A
	PoE	via Ethernet connector X10 from any PoE source in line with the IEEE802.3af or IEEE 02.3at standard
Operating temperature range	without direct sunlight	-30°C to +65°C
Storage temperature range		-30°C to +70°C
Relative humidity		95% cyclic test, +25°C/+55°C
Protection class		IPx5, in line with EN 60529
Dimensions	W × H × D	approx. 210 mm × 200 mm × 90 mm (8 in × 8 in × 4 in)
Weight		approx. 2.6 kg (6 lb)

Ordering information	Type	Order No.
Outdoor control for R&S®AU600	R&S®OCB600	3059.7400.02

6