

HF Transceiver Family



R&S® XK 2000



Interfaces R&S® GV 2100/GV 2120/GV 2130

Trouble-free use of external HF data modems with R&S® XK 2000 transceivers



ROHDE & SCHWARZ

Modem Interface R&S®GV 2100

This plug-in interface module is used to connect an external HF data modem to the transceivers of the R&S®XK 2000 family.

It performs level matching at the AF for different types of modems as well as configuration of the PTT line (V.28/TTL). This interface is not required for operation with the internal HF Modem R&S®GM 2200.



Modem Interface R&S®GV 2100

Data Link Interface R&S®GV 2120

The data link interface is provided for connecting an external DTS (data terminal set) as required, for example, for LINK Y and LINK 11 transmissions. This interface complies with MIL-STD-188-203-1A.

In addition to and independently of the standard data and audio inputs/outputs of the R&S®XK 2000 transceivers, the R&S®GV 2120 supplies the levels required for data link at a separate 15-contact D-Sub connector.



Data Link Interface R&S®GV 2120

Modem Data Interface R&S®GV 2130

This interface is used for system applications where an internal R&S®GM 2200 modem is operated with an external ARQ mechanism (e.g. STANAG 5066 system processor).



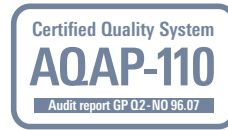
Modem Data Interface R&S®GV 2130

Specifications

| | |
|-------------|---|
| R&S®GV 2100 | Plug-in card with 15-contact Cannon male and 9-contact Cannon female connector, designated CONTROL, AUDIO |
| R&S®GV 2120 | Plug-in interface card for data link control, data and audio inputs/outputs, all AF inputs and outputs settable, 2 keyline inputs (+6 V, contact to ground), D-Sub connector, 15 contacts |
| R&S®GV 2130 | Plug-in interface to be connected at the rear of the R&S®XK 2100/GX 2900 |

Ordering information

| Designation | Type | Order No. |
|----------------------|-------------|--------------|
| Modem Interface | R&S®GV 2100 | 6033.8509.02 |
| Data Link Interface | R&S®GV 2120 | |
| LINK 11 + LINK Y | | 6079.1013.02 |
| LINK Y | | 6079.1013.03 |
| Modem Data Interface | R&S®GV 2130 | 6090.3254.02 |



More information at
www.rohde-schwarz.com
(search term: XK2000)



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