b) Mate the connectors along the common axis until the male pin of the connector of the cable engages with the female socket of the RF connector.

If your instrument is equipped with a test port adapter, see the application note 1MA100.

See "RF 50 Ohm" on page 54.

To prevent RF output switch-off

► **NOTICE!** If you set a too high output level without a load connected to the instrument, the reverse power can exceed a limit forcing the R&S SMB to switch off the RF output.

Connect a load with sufficient return loss as given in the data sheet.

3.1.11 Connecting to Ref In/Ref Out

The connector is at the rear panel.

To connect to Ref In/Ref Out

For connection, the R&S SMB provides BNC connectors.

► Follow the instructions in "To connect to non-screwable connectors (BNC)" on page 26.

3.1.12 Switching On or Off

The following table provides an overview of power states, LEDs and power switch positions.

Table 3-1: Overview of power states

State	LED	Position of power switch
Off	gray	[0]
Standby	yellow	[I]
Ready	green	[I]

To switch on the R&S SMB

The R&S SMB is off but connected to power. See Chapter 3.1.6, "Connecting to Power", on page 24.

1. Set the switch on the power supply to position [I].
   The switch is at the rear panel.

   The LED of the [ON/STANDBY] key is yellow.

2. Wait until the oven-controlled oscillator (OCXO) warms up. For the warm-up time, see data sheet.