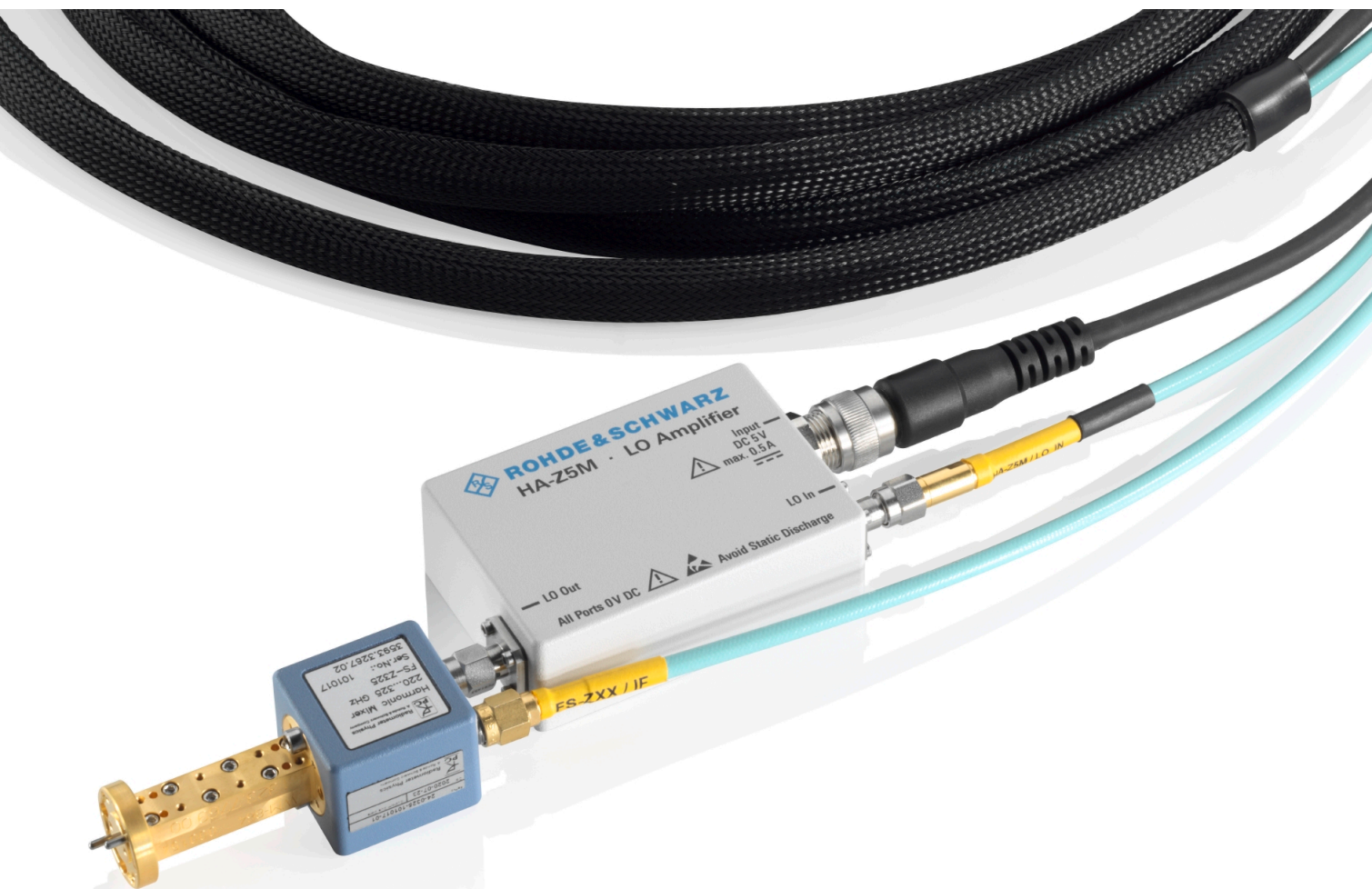


R&S® HA-Z5M LO/IF Line Extender Manual



1350770802
Version 01

ROHDE & SCHWARZ
Make ideas real



1 About the R&S®HA-Z5M LO/IF line extender

The R&S®HA-Z5M LO/IF Line Extender is especially designed for Rohde & Schwarz external mixers and signal and spectrum analyzers.

This manual applies to the following devices:

Product name	Order number
R&S HA-Z5M	1350.6660.02

Key features

- LO/IF Line Extender with integrated LO amplifier
- Measurements with external harmonic mixers at high frequencies with low insertion loss
- 5m connection cables for increased flexibility in the test setup

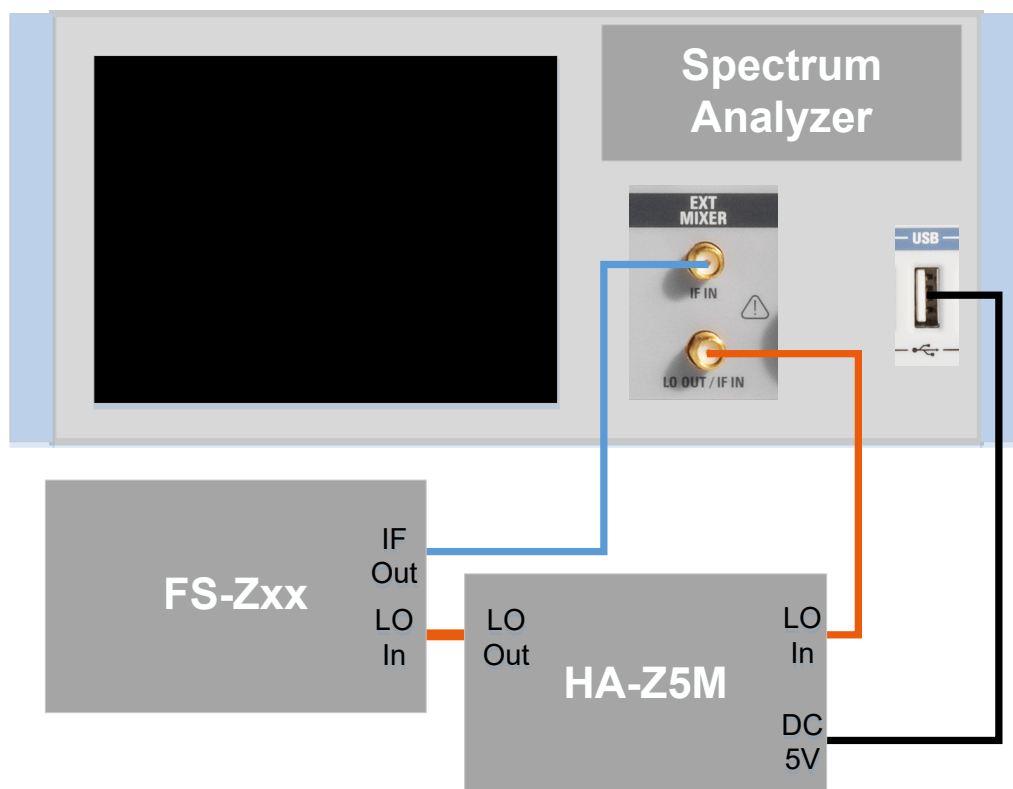
2 Preparing for use

The R&S®HA-Z5M is designated for use in industrial, administrative, and laboratory environments. Use the R&S®HA-Z5M only for its designated purpose. Observe the usage instructions documented in this manual, as well as operating conditions and performance limits stated in the data sheet. The product documentation helps you use the R&S®HA-Z5M safely and efficiently. Keep the product documentation in a safe place and pass it on to subsequent users.

- Before use, inspect the connectors of the R&S®HA-Z5M for damage. If there is any damage, contact Rohde & Schwarz for repair.
- Before use, inspect the connecting cables and their connectors for damage. If there is any damage, contact Rohde & Schwarz for repair.
- Always use an appropriate torque wrench when connecting the R&S®HA-Z5M cables to an instrument to avoid excessive force.

3 Measurement setup

Connect the R&S®HA-Z5M to the R&S spectrum analyzer and the R&S FS-Zxx external mixer as shown below. Use an appropriate torque wrench when connecting the cables.



To run the measurement with the R&S®HA-Z5M, use the same settings on the spectrum analyzer as in a measurement with an external mixer that is connected with the standard 1m cables.

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