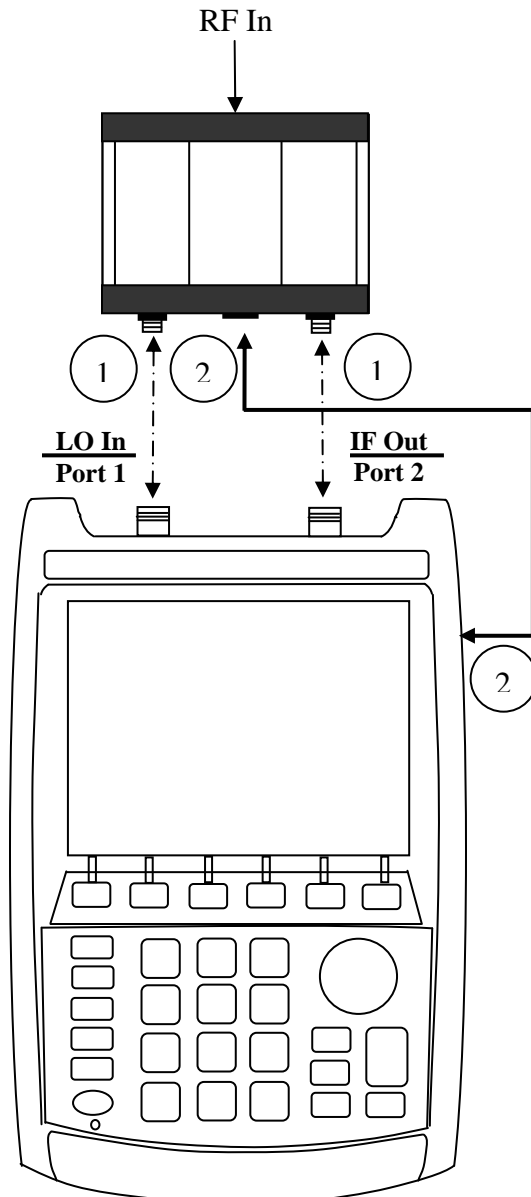




OML Millimeter Wave Module/Keysight FieldFox Hardware Interface Configuration



“Direct-Connect” Configuration

1.
18 GHz FieldFox unit - Connect OML millimeter module LO In & IF Out SMA(f) port to FieldFox Port 1 RF Output & Port 2 SA RF Input N(f) port using the N(m)/SMA(m) adapter.

>18 GHz FieldFox unit - Connect OML millimeter module LO In & IF Out SMA(f) port to FieldFox Port 1 RF Output & Port 2 SA RF Input using either SMA(m/f) adapter or SMA(m) to 2.4 (f) adapter.

2.
Connect the 12” DC power cable with the 90° SMB (f) connector to OML millimeter module DC input SMB(m) connector. Connect the DC power cable with USB connector to one of the two FieldFox USB ports.

“Non-Direct Connect” Configuration

1.
18 GHz FieldFox unit - Connect OML millimeter module LO In & IF Out SMA(f) port to FieldFox Port 1 RF Output & Port 2 SA RF Input N(f) port using SMA(m/m) coaxial cables with N(m)/SMA(f) adapter at FieldFox Port 1 & Port 2.

>18 GHz FieldFox unit - Connect OML millimeter module LO In & IF Out SMA(f) port to FieldFox Port 1 RF Output & Port 2 SA RF Input using SMA(m/m) Coaxial Cables with either SMA(m/f) adapter or SMA(f) to 2.4 (f) adapter at FieldFox Port 1 RF Output & Port 2 SA RF Input.

2.
Connect the 12” DC power cable with the 90° SMB (f) connector to OML millimeter module DC input SMB(m) connector. Connect the DC power cable with USB connector to one of the two FieldFox USB ports.