

### Push-Pull Adaptor, Low PIM

These instructions were written for qualified and experienced personnel. Please read them carefully before starting work. Any liability or warranty for the results of improper or unsafe use is disclaimed!

#### Intended Use

The intended use of Low-PIM Push Pull adaptors is the measurement of PIM and VSWR values. Details and other limits are given in the product data sheet available on [www.spinner-group.com](http://www.spinner-group.com).

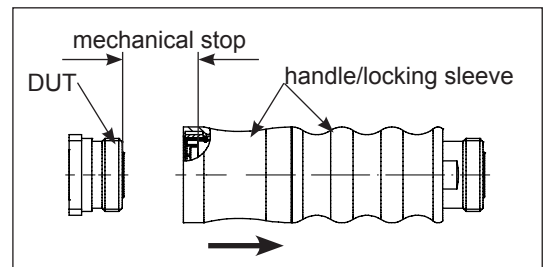
#### Handling

##### Notice

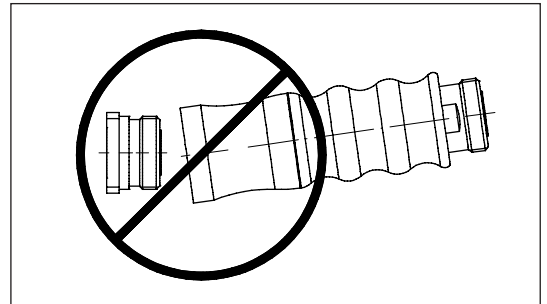
Push-Pull adaptors are sensitive to impact.

##### Do not drop!

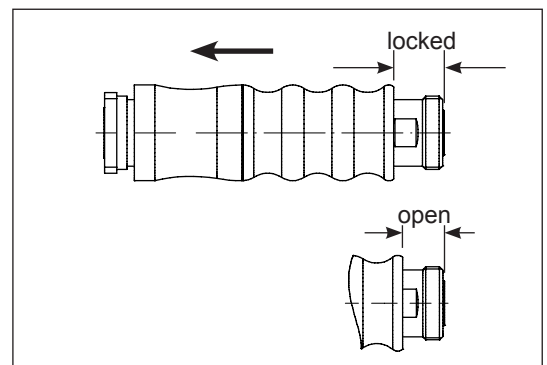
- Push handle/locking sleeve completely back into release position.



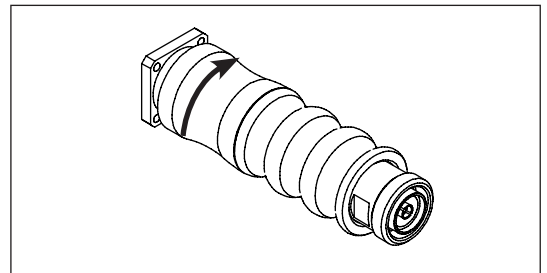
- Align adapter and DUT properly to avoid jamming.



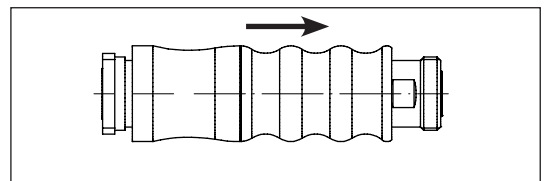
- Push adapter onto the DUT until a „click“ signals the correct locking.



- Turn handle/locking sleeve till stop if necessary.



- Pull handle/locking sleeve to disconnect.  
Do not turn handle/locking sleeve!



## Handling & Cleaning Instructions

### Push-Pull Adaptor, Low PIM

#### Cleaning Connectors

A sufficient cleaning of the connectors is essential to ensure the integrity of the RF connections. Connector interfaces, especially the outer conductor, should be kept clean and free of dirt and other debris. In order to ensure best possible measurement result, cleaning has to be assessed and executed by professional staff on a regular basis.

- Use only universal cleaner for electronics
- Use the proper size of lint-free swab
- Clean interface with some short puffs of universal cleaner
- Gently rotate the swab in the interface around the inner conductor being careful not to stress or bend the pin
- Ensure that no foreign material remains in the interface after cleaning
- Ensure that the inner conductor of the connector has not been bent or damaged
- Remove foreign debris with compressed air

#### ATTENTION

- Do NOT use other cleaning fluids or solvents. Do NOT use water
  - Do NOT put in the swab at an angle; otherwise, you will damage the connector
  - Do NOT use too large swabs; otherwise, you will damage the connector
- Only use lint-free swabs, which are designed for precision applications needing pinpoint accuracy (e.g. swabs with polyvinylidene fluoride tip)
- Never put lateral pressure on the connector's inner conductor
  - Only use dry and cleaned compressed air

