

## Cable Gland Assembly



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### Cable Gland Assembly for RJ-45 connector

Required components are listed below.

1. Unshielded RJ-45 connector.
2. Shielded RJ-45 connector.
3. FTP Cat5e cable.
4. Cable gland:
  - Cable gland nut.
  - Split sealing grommet (with inner diameter 7 mm).
  - Cable gland threaded coupling.
5. Crimping tool for RJ-45 connector.



#### NOTE

The outside diameter value of the FTP Cat5e cable should not exceed 7 mm.



#### NOTE

Cable gland can be assembled on pre-crimped cable.

### Assemble procedure

In order to ensure that the device case remains sealed under any environmental conditions follow the assemble procedure:

- **Step 1:** Crimp the standard RJ-45 connector onto the cable using crimping tool. Pin-out scheme: T568B wiring standard.



#### NOTE

Do not use the shielded RJ-45 connector on this end of the cable as it should be attached on the power supply unit end.



#### CAUTION

Make sure that the RJ-45 connector is well-crimped. A loose connector can damage the device. Please note that such damage is not covered by the warranty.

- **Step 2:** Assemble cable gland nut, the split sealing grommet and the cable gland threaded coupling onto the pre-terminated cable as shown on the figure below.
- **Step 3:** Insert the split sealing grommet into the cable gland threaded coupling.
- **Step 4:** Insert the RJ-45 connector into the device socket until you hear a click.
- **Step 5:** Screw the cable gland threaded coupling into the port and tighten it. Do not apply excessive force.
- **Step 6:** Tighten the cable gland nut (4). Do not apply excessive force.

### Cable Gland Assembly for Optical Cable

Required components are listed below.

1. Optical cable.
2. Optical connector.
3. SFP module.

#### 4. Cable gland:

- Cable gland nut.
- Split sealing grommet (with inner diameter 3.2 mm).
- Cable gland threaded coupling.

### Assemble procedure

- **Step 1:** Put the cable gland nut, the split sealing grommet and cable gland threaded coupling onto the optical cable as shown on the figure below.
- **Step 2:** Insert the split sealing grommet into the cable gland threaded coupling.
- **Step 3:** Set the SFP module into the socket until you hear a click.
- **Step 4:** Insert the optical connector into the SFP module.
- **Step 5:** Screw the cable gland threaded coupling into the port and tighten it.
- **Step 6:** Tighten the cable gland nut. Do not apply excessive force.



#### NOTE

In order to disassemble SFP, please disconnect the optical cable, pull the clip of the SFP module and withdraw the SFP module from the slot.



#### NOTE

SFP module is not included into the packing list.

