

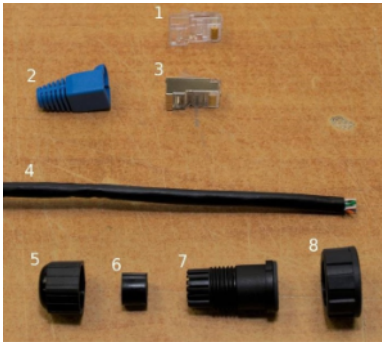
Cable gland assembly of R5000 models



Successfully pass the free certification exam at IW Academy and become an Infinet Certified Engineer.

[To the certification exam](#)

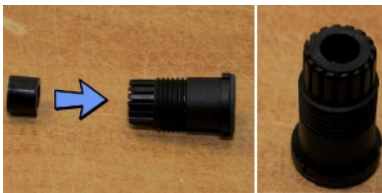
Cable gland assembly for R5000-Mmx/Mmxb/Omx/Omxb/Qmxb models



Required components:

1. Unshielded RJ-45 connector
2. Connector cover
3. Shielded RJ-45 connector
4. FTP Cat5e cable;
5. Cable sealing nut
6. Cable sealing grommet
7. Cable gland case
8. Cable gland nut

Step 1



- Insert the sealing grommet (6) into the cable gland case (7) as shown on the picture

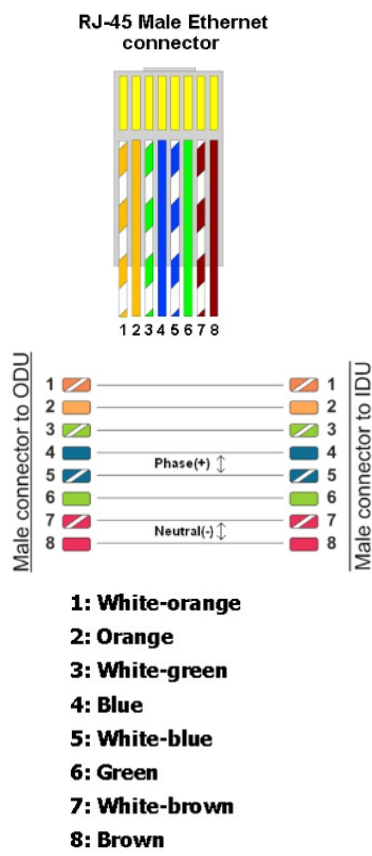
Step 2



- Assemble the cable gland as shown on the picture by placing the cable gland nut (8) on the cable gland case (7)
- Put the cable sealing nut (5) and the cable gland assembly (7,8) onto the cable as shown on the picture

- Crimp the unshielded RJ-45 connector (1) onto the cable using the crimping tool

Pin-out scheme: T568B wiring standards



NOTE

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



NOTE

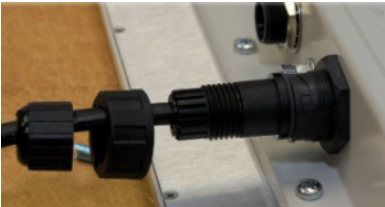
Do not use the shielded RJ-45 connector on this end of the cable as it should be attached on the IDU end.



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.

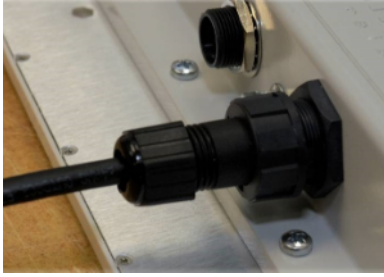
Step 3



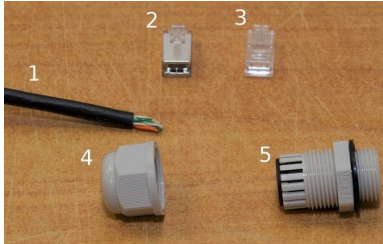
- Insert the cable gland assembly to the device socket

Step 4

- Tighten the cable gland nut (8) until you hear a click by rotating it clockwise
- Tighten the cable sealing nut (5). Do not apply excessive force



Cable gland assembly for R5000-Smn/Lmn/Smnc models



Required components:

1. FTP Cat5e cable
2. Shielded RJ-45 connector
3. Unshielded RJ-45 connector
4. Cable sealing nut
5. Cable gland case

Step 1



- Put the cable sealing nut (4) and the cable gland case (5) onto the cable as shown on the picture
- Crimp the unshielded RJ-45 connector (3) onto the cable using the crimping tool



NOTE

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



NOTE

Do not use the shielded RJ-45 connector (2) on this end of the cable as it should be attached on the IDU 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



- Insert the connector into the socket until you hear a click
- Screw the cable gland case into the port and tighten it. Do not apply excessive force.

Step 3

- Tighten the sealing nut (4). Do not apply excessive force.



Console cable connector soldering scheme

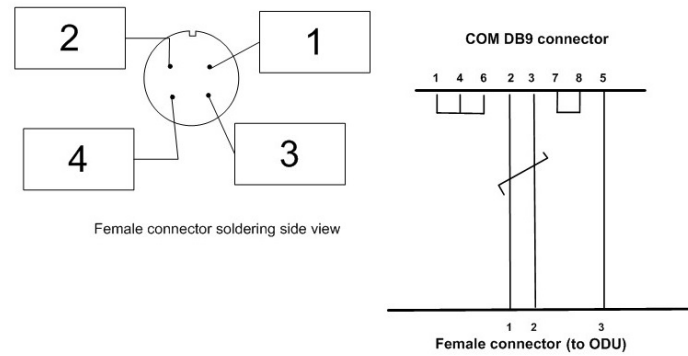


Figure - Console cable connector soldering scheme



NOTE

A properly assembled cable gland seals against humidity.