# Preparing the Indoor-to-Outdoor Cable

The indoor-to-outdoor cable is supplied open-ended at the indoor unit end, to allow the installer to conveniently route it through a hole in the wall. The end that is to be connected to the outdoor unit is supplied with a crimped connector. The cable kit includes also an RJ-45 connector and a protective cover for the connector.

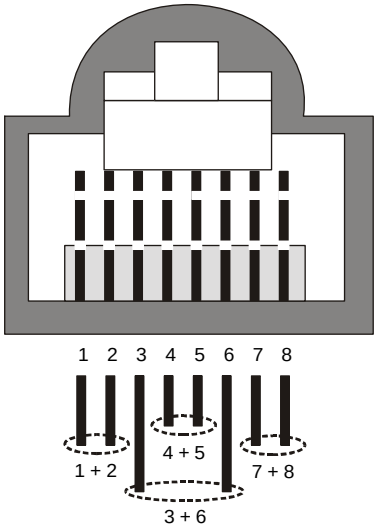
## Connecting the IDU-ODU Cable

1. Remove the sealing cap of the IDU COM connector.
2. The sealing cap has a special groove allowing to insert an Ethernet cable with an already assembled RJ-45 connector through the cap. To expose the groove, lightly squeeze the cap. Carefully insert the cable with the assembled connector through the groove.
3. Connect the Ethernet cable to the IDU COM RJ-45 connector.
4. Put the sealing cap back in its place to ensure protection against moisture. Make sure that the small protrusion on the side of the cap fits inside the hole on the connector's protective body.
5. Use appropriate sealing material to protect the connection against moisture and humidity. Use removable sealing material, such as a tar seal, to enable future access to the connector.
6. Route the cable to the location selected for the indoor equipment.

## Preparing the IDU-ODU Cable

1. Assemble an RJ-45 connector with a protective cover on the indoor end of the IDU-ODU cable. Refer to the pin assignment and color codes in standard cables described below.
2. Use a standard crimp tool to prepare the wires. Insert them into the appropriate pins of the RJ-45 connector, and use the tool to crimp the connector. The figure below shows the wire pair pin-to-pin connections required for the indoor-to-outdoor cable (see step-by-step instructions on the back of this page). Make sure to pull back the shield drain wire before inserting the cable into the RJ-45 connector, to ensure a good connection with the connector's shield after crimping.

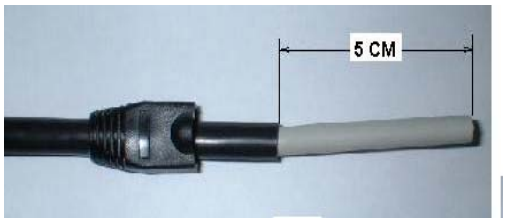
| Wire color | Pin |
|---|---|
| Blue | 1 |
| Blue/white | 2 |
| Orange | 3 |
| Brown | 4 |
| Brown/white | 5 |
| Orange/white | 6 |
| Green | 7 |
| Green/white | 8 |

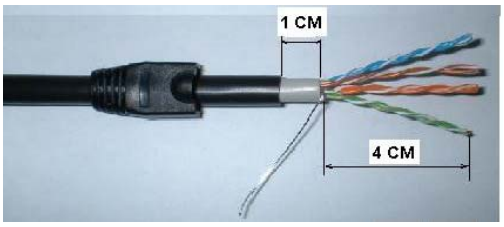


# Preparing the Indoor-to-Outdoor Cable

## RJ45 Connector Assembly

1. Reveal 5 cm of outer sleeve, then reveal 4 cm of the inner sleeve.

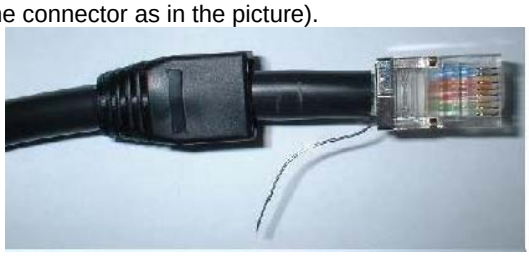



2. Release all wires and arrange them in order, then cut them to 1 cm length.




3. Insert the wires into the connector and press it using a standard tool (it is recommended to solder the shield drain wire to the connector as in the picture).





4. Push the plastic cover into place.

