

ODU kit

Check the contents list before you proceed with assembly.

Parts list

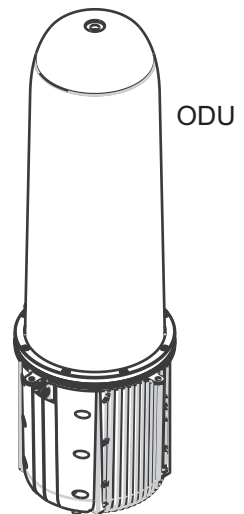
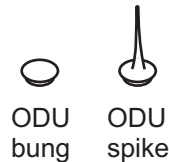
This pack contains the following items:

ODU

Large metal gland nut (1) and small plastic gland nuts (2)

RJ45 plug and a 6-way AMP power connector

Plastic spike or bung for tip of ODU



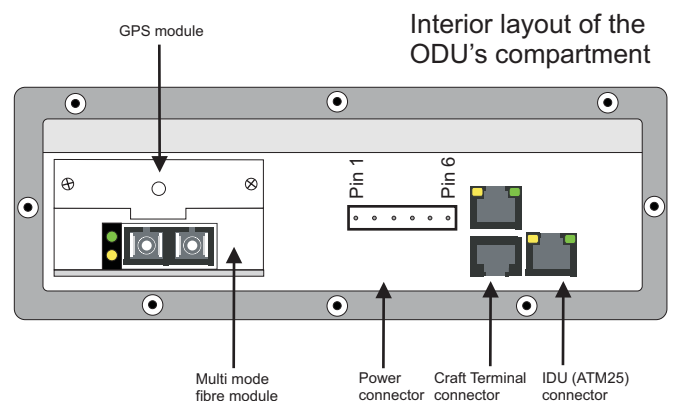
Assembly instructions

1. Assemble and mount the ODU collar on the metal pole (see instructions for that kit).
2. On the ODU collar, adjust the jacking screws to the appropriate heights for correct vertical mounting of the ODU. Lock the jacking screws in position with the M10 Nyloc nuts.
3. If required, fit the multimode fibre module in the ODU (see instructions for that kit).
4. Mount the ODU on the collar, and secure it in place with the M6 x 20mm socket cap head screws and spherical seated washers (diagram 1).
5. Unscrew the gland plate from the underside of the ODU, and put all the wiring in place (see diagram 2). An RJ45 plug and a power connector are provided. See wiring diagrams on next page.
6. Taking care not to damage the GPS aerial in the cap, push the plastic spike or bung into the hole on the tip of the ODU (diagram 3).



Do not attempt to install or power up the ODU if the temperature is below -20° Celsius (-4° Fahrenheit).

2



1

M6 x 20 mm socket cap head screws

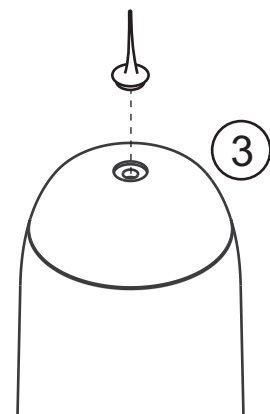
Spherical seated washer set

M10 Nyloc nuts

Close-up detail

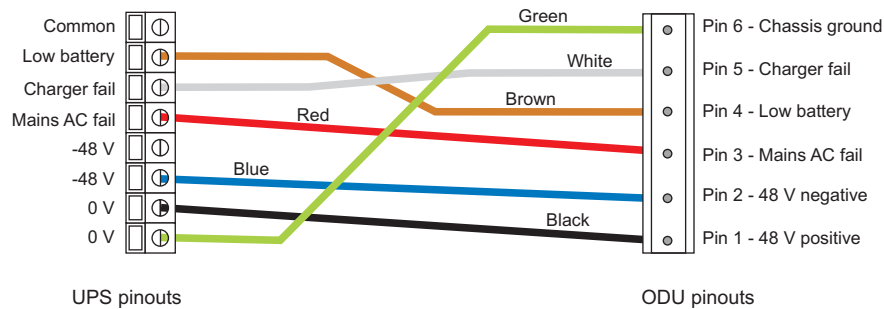
Jacking screws

3

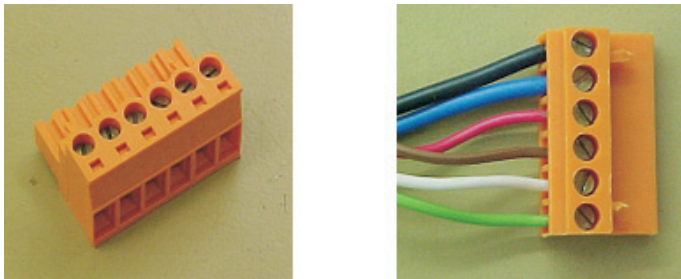


Pinouts for ODU power supply

The following diagram illustrates the pinouts for the power cable connections between the ODU and the UPS:



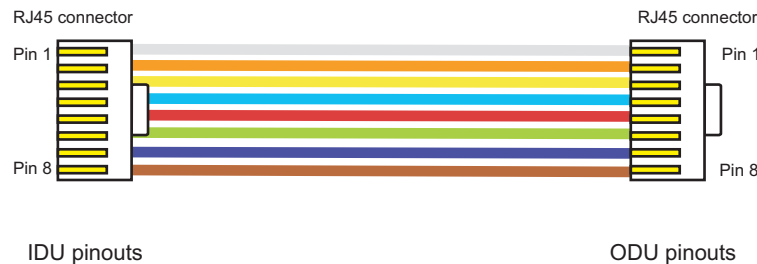
The connector at the ODU end is a right angle 6-way 0.2" Weidmuller or Wago type with friction lock.



For further details, please refer to the installation instructions for the UPS.

Pinouts for data cable between ODU and IDU

The following diagram illustrates the pinouts for the data cable connections between the ODU and the IDU:



The connectors at both ends are RJ45 type connectors. This uses a straight through, one-to-one wiring.