

6. Commissioning

Read carefully Chapter 1, *Safety* before commissioning the optical system. See also the safety precautions for the current repeater or hub types.

Check all connections made during the installation. Also, ensure that both the mains plugs for repeaters equipped with two power supply units are connected to outlets supplied from the same fuse.

To fulfill the IP65 weather protective requirements, ensure that the cable strain relief bushings are properly tightened. Also, ensure that the gaskets at the cable inlets on the cabinet are properly fitted and not damaged.

When the installation is checked, commission the optical system as described in the following sections:

Equipment required for the commissioning is listed below.



This chapter contains commissioning instructions only. If you want to read descriptions of the various functions, see the previous chapters in this manual.

Some system configuration examples are found on page 6-6 and the following pages.

If you get problems when commissioning the system, please contact your nearest Powerwave representative.

Equipment Required

To be able to commissioning an optical system you will need the following:

- Optical power meter.
- Laptop with O&M software and an RS232 serial cable.
- Spectrum analyzer.
- Repeater tools.
- Optical cleaner.