

## **Electrical wiring in buildings for domestic use: traditional technologies**

### **Lesson 2**

By **electric cable**, we mean the complex made up of one or more conductors joined together and the insulation of each of these with regard to the others and the exterior. Each conductor with its insulation is defined as a *core* (or **pole**): there are cables with just one pole (*unipolar*) and *multipolar* cables.

The capacity of a cable is the maximum intensity of current that can circulate permanently in each conductor without the temperature exceeding the maximum temperature supported by the insulator.