



Solder Electronic Components

PRESENTATION OF THE PROJECTX-FINAL LEVEL 1.



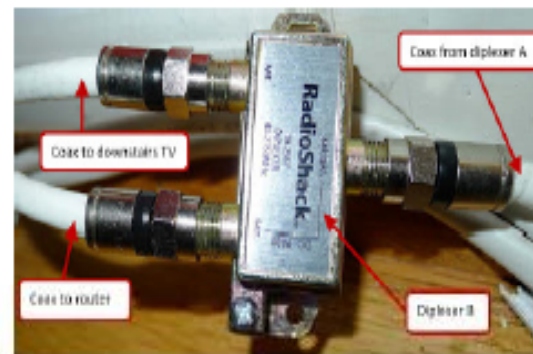
Chosen approach

In its offering triple player was found that the quality of the installation of the client network is the main problem. An installation with a good quality in the execution only generates episode maintenance after one year in the case of a poor quality installation produces a report of maintenance in less than 1.5 months term.



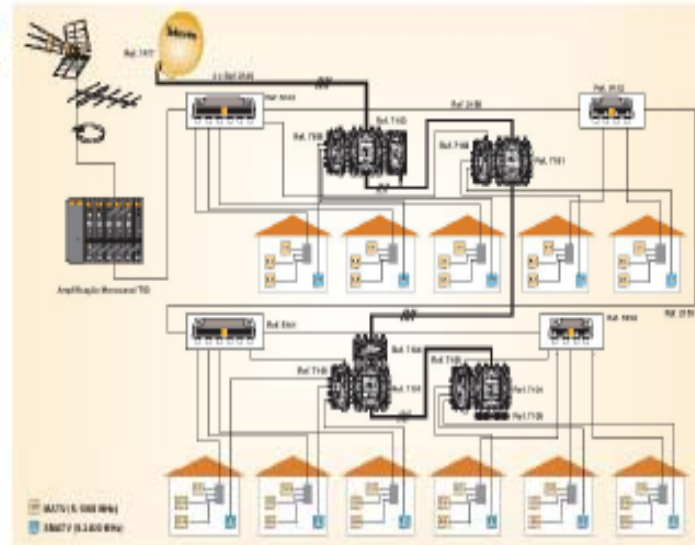
Learning Outcomes

1. Install Hardware and Accessories
2. Lay Out and Install Coaxial Cables / twist pair
3. Install Active and Passive Devices and Accessories
4. Install Subscriber Drop Lines



Theoretical goals

- Learn how to use Hand Tools.
- Perform Mensuration and Calculation.
- Prepare and Interpret Technical Drawing.
- Apply Quality Standards.



Steps or activities to be performed by the students

1. Design and calculation of the distribution of a TV signal:

- The student carries out the measurement of the signal input from the client's House and then verifies the installation points in the House. With this information makes the attenuation calculations taking into account the passive equipment to install, always considering the minimum values imposed by the operator.

2. Wiring Assembly specifies for distribution of TV signal:

- During Assembly the student should take into account the stringent existing standards

3. Equipment Configuration:

- After the physical installation of the network, the student must certify checking network signal values. If the signal values of the parameters are inside the range, adjustments should be made to equipment configuration (settopbox and Router)

The effect of signal quality in the performance of the network

The various network services offered by telecommunications operators are dependent on signal quality

