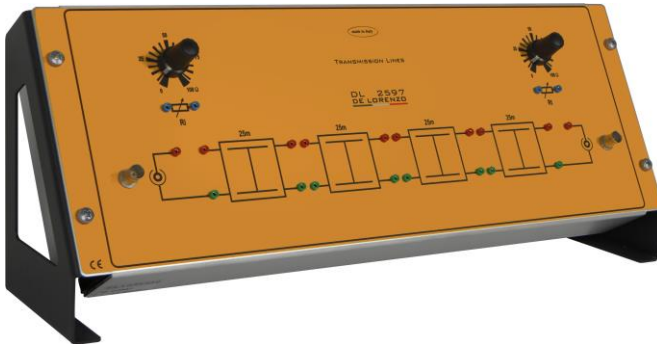




Transmission lines



DL 2597

The panel has been designed to guide the student to the comprehension and testing of the physical principles of the propagation of electrical signals on transmission lines and as an introduction to the use of the lines as a main element in communications systems.

Technical features

The trainer is composed of a module with 100 meters of coaxial cable with intermediate plugs, every 25 meters, and with termination variable resistors.

Examples of performable exercises

- measurement of the characteristic parameters of the line
- attenuation measurement
- line frequency characteristics
- line input impedance
- stationary waves
- signal phase shift along the line
- fault finding along the line
- line in pulsed state