Three-Phase Transmission Line
LT-8004

Reference Picture

LabTech Engineering
246, West Monipur,Mirpur-2,Dhaka-1216,way2labtech@gmail.com,www.labtech-engineering.com

General Description

The Three-Phase Transmission Line consists of three iron-core inductors enclosed in a half-size EMS module. The inductors are specifically designed to simulate a high-voltage ac transmission line (typically 315 kV lines). The line impedance can be adjusted to four different values using a selector switch mounted on the front panel. A three-pole switch is used to induce transients by momentarily interrupting the power flow. Both sides (sender and receiver) of the Three-Phase Transmission Line are terminated on the front panel by 4 mm color-coded safety banana jacks.

Specifications

Parameter	Value
Ratings	
Line Reactance Settings	0, 15, 21, and 27 Ω
Nominal Line Current	1 A
Line Simulated Lengths	45, 63 and 81 km
Physical Characteristics	
Dimensions (H x W x D)	154 x 287 x 440 mm (6.1 x 11.3 x 17.3 in)
Net Weight	8.2 kg (18 lb)
Shipping Weight	9.8 kg (21.6 lb)