



LE7 Series

Model LE7 series forward line equalizers are designed to compensate for slope from long coaxial cable runs. Application: balance signal after long cable run before amplification to maximize amplifier's output capability, and minimize overloading and channel interaction.

- LE7 series is available for the following bandwidths: 230 MHz, 450 MHz, 550 MHz, 750 MHz, 870 MHz and 1000 MHz.
 - Slope values available from 4 to 12dB
 - Available in sturdy RF shielded metal enclosures
- LE7 Series Dimensions (in):
 LE7 230/450/550/750 3.25 L x 3.5 W x 1.5 H
 LE7 870/10003.0 L x 1.5 W x 1.5 H



Table 1: LE7 Series Models/Specifications

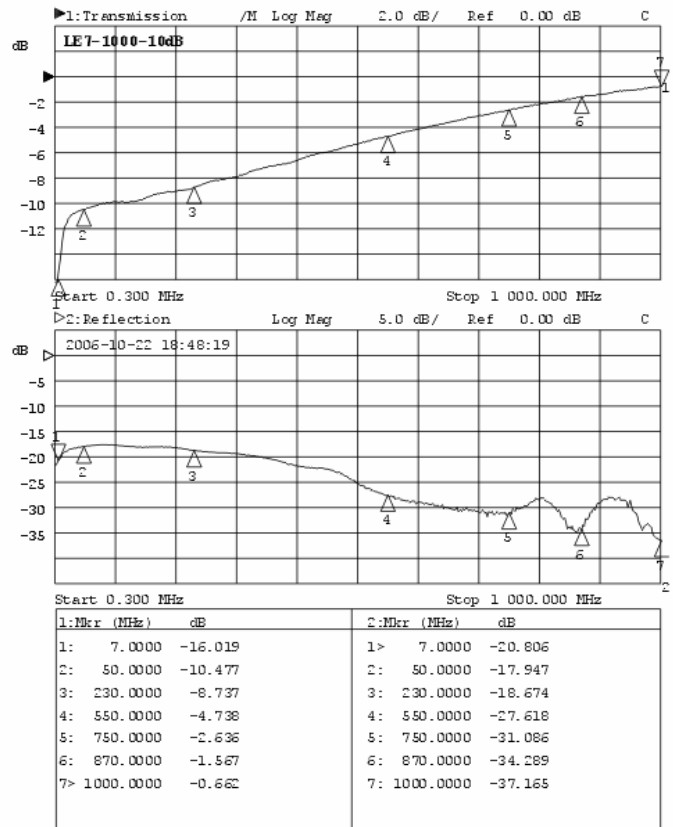
Models	Bandwidth	Available Slopes
LE7-230	50 to 230 MHz	4, 6, 8, 10, 12 dB
LE7-450	50 to 450 MHz	4, 6, 8, 10, 12 dB
LE7-550	50 to 550 MHz	4, 6, 8, 10, 12 dB
LE7-750	50 to 750 MHz	6, 8, 10, 12 dB
LE7-870	50 to 870 MHz	6, 8, 10, 12 dB
LE7-1000	50 to 1000 MHz	6, 8, 10, 12 dB

Common Specifications

Return Loss	18dB typical		
Insertion Loss	0.5 dB at high end	Flatness	± .5 dB
Impedance	75 ohm	Connectors	F-type

Options:
Connectors F-type Female standard, F-type Male optional.
Bandwidth and Slope can be modified to meet customer requirements.

Model LE7-1000 -10dB Graph



Order as: LE7-bandwidth-slope (see table 1)

Example: LE7- 1000-10dB, - Line Equalizer with 50-1000 MHz bandwidth, 10 dB slope (see graph).

