

AB-4 and LE Series

RF Switches and Line Equalizers



AB-4

The AB-4 is a push-button type coaxial selector switch, suitable for back-of-set or similar flat surface mounting. This unit offers high isolation, great return loss characteristics, and minimum loss over the entire CATV spectrum, including both the VHF and UHF bands. The AB-4 features an internal secondary shield and a molded plastic outer cover, providing excellent RF shielding. This durable push button type switch ensures reliable contact closure.

○ Features & Benefits

- High Isolation
- Superior RF Shielding
- Easy Mounting
- 900 MHz

○ Specifications

AB-4 RF

Frequency Range: 5-900 MHz
 Insertion Loss:
 5-250 MHz: 0.2dB
 250-900 MHz: 0.5dB
 Isolation:
 5-250 MHz: 85dB
 250-900 MHz: 65dB
 Return Loss:
 5-250 MHz: 13dB
 250-900 MHz: 10dB

Mechanical

Dimensions (LxWxD):
 3.16 x 3.81 x 1.13 in.
 80 x 97 x 29 mm
 Weight:
 .45 lbs.
 .204 kg.

Connectors

RF Inputs: "F" type, female
 RF Output: "F" type, female



LE-450



LE-550



LE-750



LE-860

The LE Series includes professional quality, line equalizers, designed to compensate for cable tilt. These equalizers restore proper balance to large distribution networks by attenuating the low frequencies while passing the high frequencies through with little loss. The LE Series can be used with locally powered amplifiers which may not have adequate slope control or for cascades in lieu of more costly cable powered preamplifiers.

ELECTRICAL

Frequency Range (MHz):
 Frequency Response (dB):
 EQ Values (dB):
 Insertion Loss (dB)
 (Adds to EQ Value):
 Impedance - All Ports (dB):
 Return Loss - Input/Output (dB):

LE-450

50-450
 ±0.5
 3, 6, 9,
 12, 15, 18

LE-550

50-550
 ±0.5
 3, 6, 9,
 12, 15, 18

LE-750

50-750
 ±0.5
 3, 6, 9,
 12, 15, 18

LE-860

50-860
 ±0.5
 3, 6, 9,
 12, 15, 18

Mechanical

Dimensions (LxWxD) (in):	2.88 x 1.38 x 2			
(mm)	73 x 35 x 51			
Weight (oz):	6	6	6	6
(g)	170	170	170	170

○ Ordering Information (Specify Value)

Model	Stock No.	Description
AB-4	4017	A/B Coaxial Switch Push-Button, High Isolation
LE-860	3448	Line Equalizer 860 MHz, VALUES:3, 6, 9, 12, 15, 18 dB
LE-750	3447	Line Equalizer 750 MHz, VALUES: 3, 6, 9, 12, 15, 18 dB
LE-550	3445	Line Equalizer 550 MHz, VALUES: 3, 6, 9, 12, 15, 18 dB
LE-450	3444	Line Equalizer 450 MHz, VALUES: 3, 6, 9, 12, 15, 18 dB

Order From:



Toll Free: 800-423-2594
 www.multicominc.com
 multicom@multicominc.com