

# Attenuators



## LCHITA05, LCHITA10, LCHITA15

### Description

A plug-in unit for outlets to compensate for short link problems on TV signals. 3 versions offered providing different levels of attenuation to the TV signals and thus simulating different length of the total cable link.

The Attenuator plugs only support distribution of R/TV signals and the AV/IR link. MATV return path is also supported in the opposite direction.

The attenuators are fully shielded units with a full covering mould in light grey. Each unit is labelled with its specific type and version.

### Technical information

#### Electrical and Technical Data

Attenuation	1.5 dB @ 100 MHz: ITA 05 5 dB @ 800 MHz: ITA 05 1.5 dB @ 100 MHz: ITA 10 10dB @ 800 MHz: ITA 10 2 dB @ 100 MHz: ITA 15 15 dB @ 800 MHz: ITA 15
Impedance	100 Ohm
Return Loss	-14 dB from 5 to 400 MHz -8 dB from 400 to 860 MHz
Shielding Attenuation	Min. 55 dB
No. of Matings	500
Frequency Band	5 – 860 MHz
Insulation Resistance	500V DC/100 MOhm acc. To IEC 512-2 : 1985 Test 3a Method C

#### Construction and Material Data

Input Connector	RJ45 Plug STP
Output Connector	RJ45 Jack STP
Material	Hotmelt PA
Dimension	18.5 x 45 x 18.5mm
Weight	14 grams
Colour	Light Grey
Contacts	AU over NI

#### Packaging Data

Quantity	1 pcs	5 pcs
Size	16 x 11 cm	14.8 x 8.8 x 6.5 cm
Weight	0.02 kg	0.22kg