

AV-Combiner

LCHC110



Description

A fully shielded DIN module enabling the user to connect 2 or 3 AV-Modulators/PC Players to the AV link input of the multimedia amplifier LCHA110. The AV-Combiner LCHC110 is mixing the AV signal on the 3 input ports and forwarding the result to the single output port. The LCHC110 is working in the full frequency band up to 860 MHz and supporting IR link as well. The module should be installed in the distribution cabinet of the LCHA110 amplifier. All interfaces are RJ45 jacks and all connections up to and from the AV-Combiner must be made by LexCom Home shielded patch cords only. The AV-Combiner is supplied with a termination plug (RJ45) that must be connected to the potential unused input of the LCHC110.

Technical information

Electrical and Technical Data

Return Loss	min 10dB
Isolation	> 18 dB (between all inputs)
Shielding Attenuation	> 65 dB
Temperature, Operation	0°C to + 40°C
Temperature, Storage	-20°C to +60°C
Insertion Loss	6.5 dB @ 470 MHz 8 dB @ 862 MHz
No. of Matings	min 500
Impedance Output	100 Ohm Balanced
Impedance Input	100 Ohm Balanced
AV Link Bandwidth	80 – 862 MHz
IR Link	Transparent

Construction and Material Data

Input Connector	3x RJ45 STP Jack
Output Connector	1x RJ45 STP Jack
Material	PC-ABS housing
Shielding	Plated 3 µm Sn over 20µm Cu, double sided
Module Dimension	72 x 37 x 86 mm
Weight	110 grams
Quantity	1 pcs
Carton Size	11.3 x 5.7 x 8.1cm
Weight	0.140 kg