

Code: DC-015L

## MULTIPLEXER **DC-015L** TERRA

The DC-015L antenna multiplexer with 3 inputs is used as an element combining signals from 3 antennas (receiving signals in FM+VHF/I/II (47...108 MHz), VHF/III (174...230 MHz) and UHF (470...790 MHz) bands), it is installed on the mast carrying the antenna set. It is possible to transfer 12 V DC power supply to the preamplifier via the UHF input.

The multiplexer has a built-in LTE signal filter attenuates unwanted signals in the 800 MHz band (791...862 MHz frequencies) intended for the implementation of LTE data services.

The die-cast housing provides high screening efficiency by preventing the penetration of interfering signals into the device.



Input:	<ul style="list-style-type: none"> <li>• FM / VHF (I/II) : 47 ... 108 MHz - F socket,</li> <li>• VHF (III) : 174 ... 230 MHz - F socket</li> <li>• UHF : 470 ... 790 MHz + DC - F socket</li> </ul>
Impedance:	75 $\Omega$
Insertion loss:	<ul style="list-style-type: none"> <li>&lt; 1 dB @ FM / VHF (I/II)</li> <li>&lt; 1 dB @ VHF (III)</li> <li>&lt; 2 dB @ UHF</li> </ul>
DC-transition:	24 V / 200 mA
Main features:	<ul style="list-style-type: none"> <li>• Built-in LTE filter</li> <li>• Isolation VHF, UHF &gt; 20 dB</li> <li>• high screening efficiency</li> </ul>
Housing:	die-cast housing mounted inside compact plastic enclosure
Mount:	The device housing can be easily installed to the walls using the screws and to the masts with a tie
Operation temp:	-20 °C ... 50 °C
Weight:	0.18 kg
Dimensions:	107 x 89 x 43 mm
Manufacturer / Brand:	TERRA
Guarantee:	2 years