

4 input DVB-T combiner with one single amplified output



The **DT-722** is a combiner with four inputs and one output designed to mix output RF signals of COFDM modulators and transmodulators with available DTT channels in the area.

The system provides an amplified output of 130 dB μ V (+22 dBm).

This is a solution of higher quality than those that often use Z connections, given that preserves better the original quality and maintains lower noise levels.



Specifications	DT-722
Frequency Bands	From 50 MHz (C-2) to 860 MHz (C-69)
Input Type Connector Return Losses Maximum COFDM Input	4 inputs 75 Ω BNC female <-15 dB 1 channel at 87 dB μ V \pm 3 dB 2 channel at 84 dB μ V \pm 3 dB 4 channel at 81 dB μ V \pm 3 dB 8 channel at 78 dB μ V \pm 3 dB 16 channel at 75 dB μ V \pm 3 dB
Output Type Connector Return Losses Maximum COFDM Power MER >34 dB from 750 MHz to 860 MHz Bandwidth 4.2 MHz (BW = 8 MHz) Gain Maximum output level	1 amplified output. 75 Ω BNC female <-15 dB +22 dBm >37 dB from 50 MHz to 750 MHz >43 dBc from 650 MHz to 860 MHz >51 dBc from 50 MHz to 650 MHz 43 dB \pm 3 dB between each input- output 1 channel at 130 dBmV 2 channel at 127 dB μ V 4 channel at 124 dB μ V 8 channel at 121 dB μ V 16 channel at 118 dB μ V
Voltage Connector Consumption maximum	Via the DT-800 Control and Power Module JST B08P-XL-HDS (connecting cable supplied with DT-800) +12 V ; <1.6 A (1.45 A tip.)

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Mechanical features Dimensions Weight	50 mm (W.) x 262 mm (H.) x 230 mm (D.) 0.930 kg
Included accesories 1 x 0 AD051 1 x 0 AD052 4 x 0 ZB075 1 x 0 MI1687	BNC/M-“F”/H Adaptor NC/M-TV/H“NF” Adaptor” BNC Termination Resistor 75 Ω Installation Manual