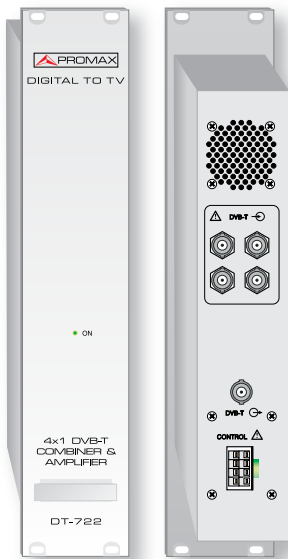




## 4 input DVB-T combiner with one single amplified output



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.

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.

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



Specifications	DT-722
<b>Frequency Bands</b>	From 50 MHz (C-2) to 860 MHz (C-69)
<b>Input</b> Type Connector Return Losses Maximum COFDM Input	4 inputs 75 $\Omega$ BNC female <-15 dB 1 channel at 87 dB $\mu$ V $\pm$ 3 dB 2 channel at 84 dB $\mu$ V $\pm$ 3 dB 4 channel at 81 dB $\mu$ V $\pm$ 3 dB 8 channel at 78 dB $\mu$ V $\pm$ 3 dB 16 channel at 75 dB $\mu$ V $\pm$ 3 dB
<b>Output</b> 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 $\Omega$ 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 $\mu$ V 4 channel at 124 dB $\mu$ V 8 channel at 121 dB $\mu$ V 16 channel at 118 dB $\mu$ V
<b>Voltage</b> Connector Consumption maximum	Via the <b>DT-800</b> Control and Power Module JST B08P-XL-HDS (connecting cable supplied with <b>DT-800</b> ) +12 V ; <1.6 A (1.45 A tip.)

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<b>Mechanical features</b> Dimensions Weight	50 mm (W.) x 262 mm (H.) x 230 mm (D.) 0.930 kg
<b>Included accesories</b> 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