

4 input DVB-T combiner with one single amplified output



Specifications	DT-722
Frequency Bands	From 50 MHz (C-2) to 860 MHz (C-69)
Input Type Connector Return Losses Maximum COFDM Input	$\begin{array}{c} 4 \text{ inputs} \\ 75 \ \Omega \ \text{BNC female} \\ <-15 \ \text{dB} \\ 1 \ \text{channel at } 87 \ \text{dB} \mu \text{V} \pm 3 \ \text{dB} \\ 2 \ \text{channel at } 84 \ \text{dB} \mu \text{V} \pm 3 \ \text{dB} \\ 4 \ \text{channel at } 81 \ \text{dB} \mu \text{V} \pm 3 \ \text{dB} \\ 8 \ \text{channel at } 78 \ \text{dB} \mu \text{V} \pm 3 \ \text{dB} \\ 16 \ \text{channel at } 75 \ \text{dB} \mu \text{V} \pm 3 \ \text{dB} \end{array}$
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 ± 3 dB between each input- output 1 channel at 130 dBmV 2 channel at 127 dBμV 4 channel at 124 dBμV 8 channel at 124 dBμV 16 channel at 118 dBμV
Voltage Connector Consumption maximun	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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Operating environmental conditions Altitude Temperature range Max. Relative Humidity	Up to 2000 m From 5 °C to 40 °C 80% (up to 31 °C), decreasing lineally up to 50% at 40 °C
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