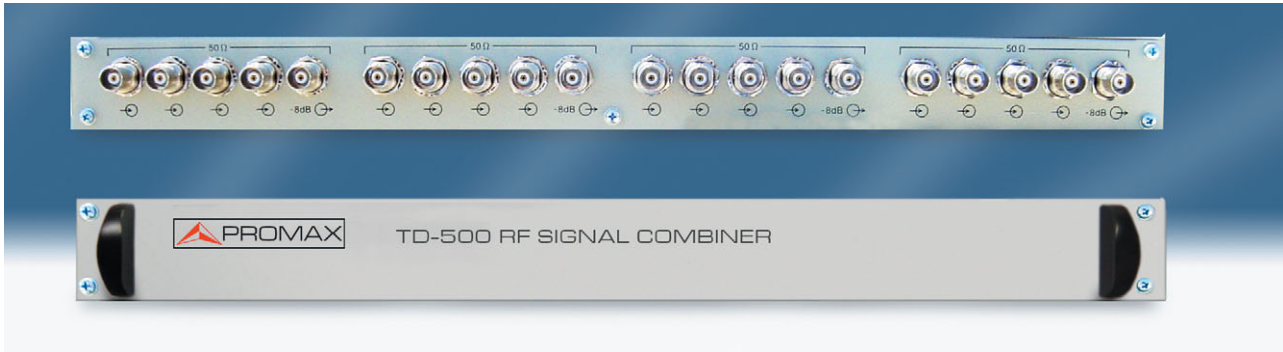
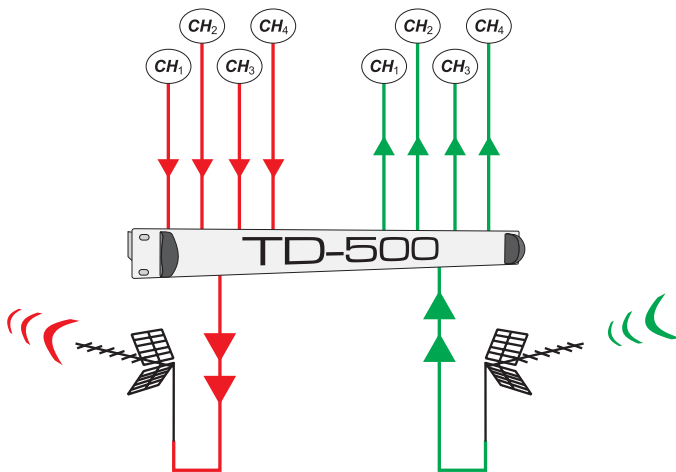


# COFDM DVB-T COMBINATOR / DISTRIBUTOR



The **TD-500** is a general purpose **DVB-T** combinator and distributor to be assembled in a 19-inches 1U-height rack. The equipment, in its basic configuration, has **two** identical internal **modules** including **4 inputs** and **1 output** or **1 input** and **4 outputs**. Anyone of these modules can be used as combinator or distributor.



The equipment can be delivered with different configurations and offers up to 4 combinator / distributor modules with 2 and 4 inputs (refer to PROMAX for availability). Each one of these modules is bi-directional, being those of 2 input/output that which offers less loss.

The basic **TD-500** can combine **4 RF signals** coming from 4 modulators, as the **MO-170**, and to distribute the combined RF signal to 4 distribution lines.

SPECIFICATIONS	TD-500 COFDM DVB-T COMBINATOR / DISTRIBUTOR COFDM
<b>Frequency range</b>	45 MHz to 875 MHz
<b>Total insertion losses</b> From 45 MHz to 50 MHz From 50 MHz to 450 MHz From 450 MHz to 900 MHz	6.9 dB (typical), 7,3 dB (max.) 7.3 dB (typical), 8,1 dB (max.) 8.1 dB (typical), 9,3 dB (max.)
<b>Isolation</b> From 45 MHz to 50 MHz From 50 MHz to 450 MHz From 450 MHz to 900 MHz	28 dB (typical), 20 dB (min.) 28 dB (typical), 20 dB (min.) 22 dB (typical), 15 dB (min.)
<b>Return losses</b> From 45 MHz to 875 MHz	25 dB (typical), 16 dB (min.)
<b>Combinator mode</b>	4 Inputs, 1 Output (RF 50 Ω BNC female)
<b>Distributor mode</b>	1 Inputs, 4 Output (RF 50 Ω BNC female)
<b>Mechanical features</b> Dimensions Weight	482 (W) x 132 (H) x 329 (D) mm 3 Kg