



CSI16T is a passive wideband combiner designed to work up to 3W of power. CSI16T communicates with Wisycom transmitter (i.e. **MTK952N**) through coaxial inputs and allows a smart power management: combiner loss are automatically compensate on Tx side!

FEATURES:

- ✓ RF combiner able to combine 16 inputs into 4/2/1 outputs
- ✓ Selectable combination thru a 3 positions selector on front panel
[16:1] or **2x [8:1]** or **4x [4:1]**
- ✓ Used with MTK952N permits to recover the combiner loss
- ✓ Wide band operation 470÷800MHz
- ✓ High input power up to 3W
- ✓ Selectable extra compensation in the [16:1] configuration: connected to another combiner CSA121T, it is able to recover up to 15dB of loss

Technical Data

Input Connectors: 16 BNC-F, 50 Ω of impedance

Output Connectors: 6 N-F, 50 Ω of impedance

Max input power: 3W (for each input connector)

Bandwidth: 470 ÷ 800MHz

Case: Aluminum, black varnish

Power supply : AC connector 90÷264Vac /47÷63Hz, (fuse protected) T2A-50W max
: DC connector 10÷ 28 VDC

Combiner loss:

- approx. 6 dB for 4x [4:1]
- approx. 9 dB for 2x [8:1]
- approx. 12dB for [16:1]

Combiner loss can be automatically recovered from MTK952Ns connected to CSI16T: MTK952Ns raise power accordingly to the loss, while keeping the limit on output port (country based).

Example: Combiner 2x [8:1] configuration with high power transmitters:

Country power limit: 10mW

Enabling external compensation on MTK952Ns, the transmitters raise power of 9dB in order to limit to 10mW the maximum power at the output of CSI16T.

