

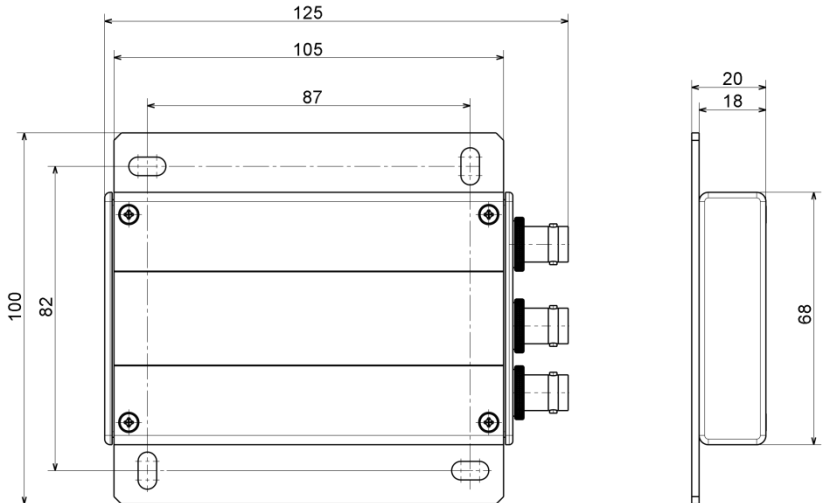
PASSIVE WIDEBAND COMBINER
PASSIVE WIDEBAND SPLITTER

→ 1 x 2:1
 → 1 x 1:2

CSA121T is a passive wideband splitter/combiner designed to work up to 3W of power. CSA121T becomes a smart combiner when used with Wisycom transmitter **MTK952N**: thanks to which the combiner loss is recovered.

FEATURES:

- ✓ Small and compact splitter/combiner, stripline construction
- ✓ Used with MTK952N, permits to recover the combiner loss
- ✓ Wide band operation
- ✓ High input power up to 3W



Instruction

Combing: Input are [1] & [2] → output [C] (combined signals)
 Splitter: Input is [C] → output [1] & [2] (split signals)

Technical Data

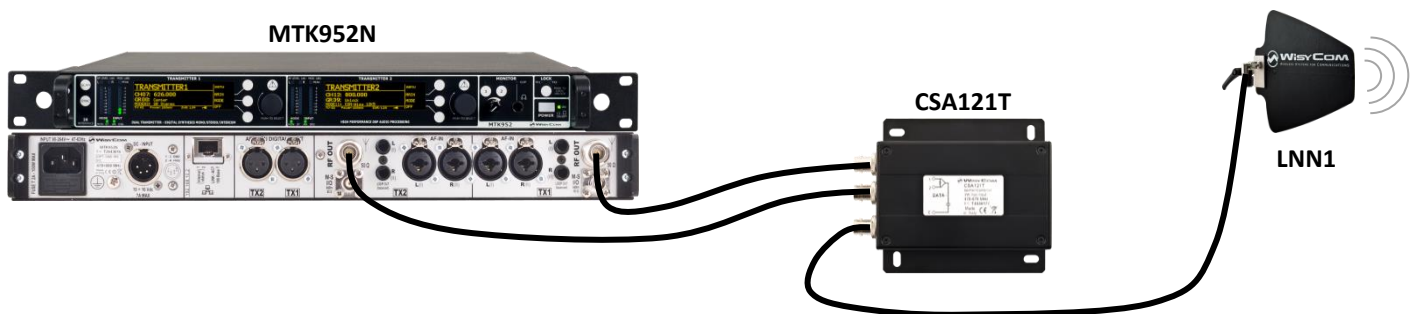
Connectors: 3 BNC-F, 50 Ω of impedance
 Splitter/Combiner loss: 4 dB
 Max input power: 3W (for each connector)

Bandwidth: 470 MHz – 870MHz
 Case: Aluminum, black varnish
 Weight: 235 g

WARNING: if used as splitter, the loss will not be recovered

WARNING: it is possible to use CSA121T as antenna splitter/combiner in reception but booster powering can't pass through ports.

Example: Combiner configuration with high power transmitters



Connecting CSA121T, MTK952N automatically recovers the combiner loss increasing the output power of the transmitter