

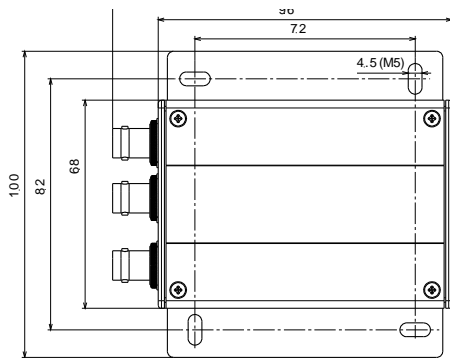
PASSIVE WIDEBAND COMBINER
PASSIVE WIDEBAND SPLITTER

→ 1 x 2:1
 → 1 x 1:2

CSA121A is designed to combine different areas, covered by antennas in diversity configuration. CSA121A is DC-coupled for use with antenna booster: it can handle up to 1.5 Amp without saturation for high power booster (BAW) powering. Mounting plate hole M5. It is supplied with a power supply for the booster voltage. In case a booster voltage is not needed, use the CSA221 to have a double splitter combiner.

FEATURES:

- ✓ Small and compact splitter/combiner, stripline construction
- ✓ Wide band operation
- ✓ High current standing for high IP3 booster driving (i.e. Wisycom BAW)
- ✓ Supplied with 230/110 Vac power supply with locking connector



Instruction

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

Variant

STD	standard version	combiner and splitter
SPL	splitter version	only splitter
COM	combiner version	only combiner

Technical Data

Connectors: 3 Bnc-F	Bandwidth: 470 MHz – 870MHz
Splitter/Combiner loss: 4 dB	Case: Aluminum, black varnish
Max current thru port: 1.5 A	Weight: 170 g (without power supply)
Max input power (CSA121A) : 125 mW	Impedance: 50 Ω

COMBINER CONFIGURATION WITH HIGH CURRENT BOOSTER

COMBINER CONFIGURATION WITH HIGH POWER TRANSMITTER

