

Combiner Systems Example

Combiner system for the mobile communication network of a public transport company (e. g. underground railway) for professional mobile radio, public authorities and emergency services

Frequency range: 148 – 173 MHz

For combining several transceiver units (simplex and duplex) with minimal frequency spacing and splitting to two radiating cables.

- 3 C = 3-dB coupler
- D = Duplexer
- BP = Band-pass filter
- SP = S-P filter
- ↑ = Isolator
- Tx/Rx = Transceiver unit
- Tx = Transmitter unit
- Rx = Receiver unit

