

Combiner Systems Example

Combiner network for mobile communication coverage in tunnels for public authorities, emergency services, FM radio, paging systems and mobile telephones

Frequency ranges:

75 – 85 MHz, 88 – 108 MHz, 170 MHz,
380 – 470 MHz, 870 – 960 MHz

For combining several transmitters and / or receivers of different frequency bands onto one radiating cable each.

MBC = Multiband combiner

3 C = 3-dB coupler

RJ = Hybrid ring junction

DS = Decoupled power splitter

RMC = Receiver multicoupler

