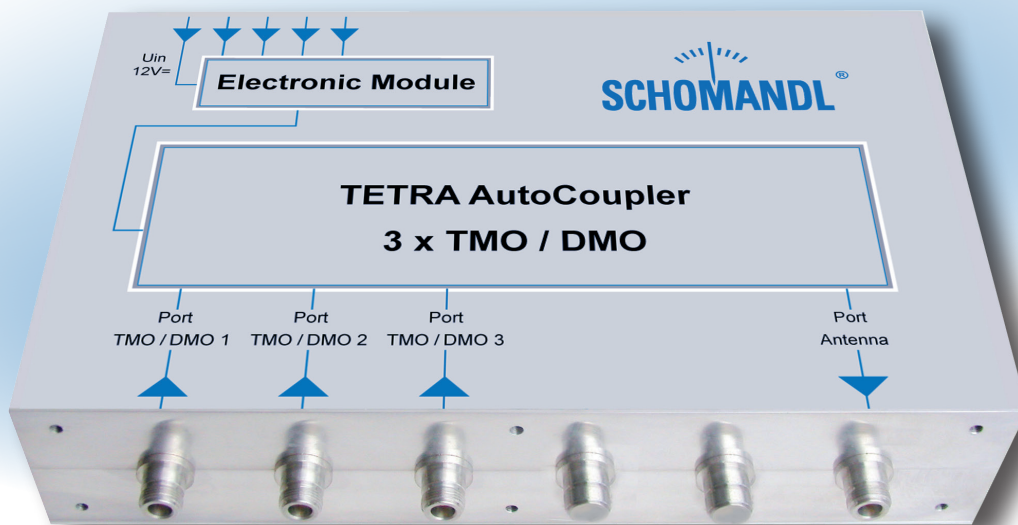


- Three radios connected to one antenna
- All radio ports switchable to TMO or DMO
- Automatic switchover between TMO and DMO within the multicoupler
- Precision model with low Insertion loss and highest Isolation according to ETSI EN 300 392
- Rugged design with milled aluminum chassis and precision N-connectors



The Schomandl TETRA multicouplers allow connecting two to four TETRA TMO-Radios to one antenna, depending on model.

The three ports can be switched to either TMO or DMO. Switching is initiated by the radios connected and an electronic controller module in the multicoupler. One of the four ports can be used for DMO at a given time, only.

The design based on hybrid couplers assures highest safety of operation at a very low insertion loss for all connected radios.

With these specifications, the multicouplers are the right fit for installation in vehicles as well as in land stations and are enabling a cost effective operation with lowest space requirements.

The >60dB RX/TX-Isolation (according to ETSI EN 300 392) furthermore exceeds most usual parallel antenna configurations.

Specifications

Frequency range:	380 - 385 MHz / 390 - 395 MHz
Optional (on demand):	415 - 420 MHz / 425 - 430 MHz 410 - 415 MHz / 420 - 425 MHz
DMO:	406 - 410 MHz
Max. RF power:	30 W
Insertion Loss (RX/TX frequency range):	Typ. 10 - 12 dB
Isolation RX/TX:	> 60 dB
Isolation TX/TX:	> 60 dB (@ 50 Ohms antenna impedance)
Dimensions:	350 x 210 x 75 mm
Weight:	6.6 kg

Order number: 80012264