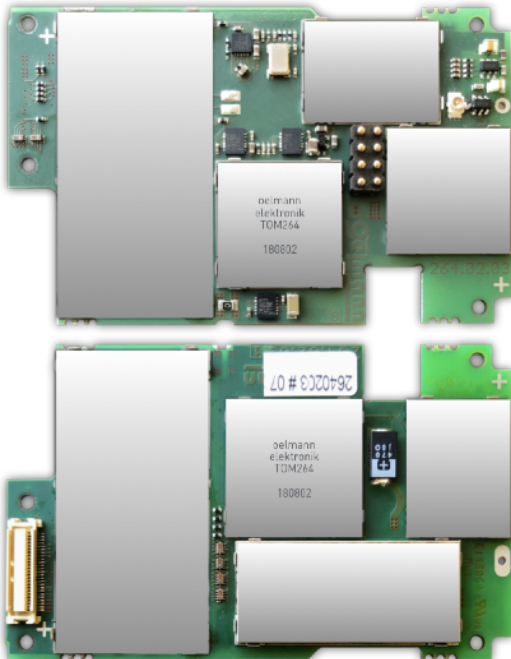


# TOM264 TETRA MODEM MODULE



Oelmann TOM264 TETRA modem module provides the ideal platform for applications and/or custom devices where high quality reliable TETRA connectivity is required

- The integration is easily performed by use of the unified connector with power supply and voice/data interface
- The data I/O is available through a serial port
- The RF-antenna connector is a mini coax type connector
- Application examples: modem/data terminals, active/passive pagers, wireless public information displays, measurement/telemetry devices in industrial solutions, public/industry announcement systems
- OEM-solutions implementation is possible, both hardware & software
- Voice interface as audio input and output with line levels, optional



System protocol	TETRA 25	
Frequency range, MHz	380...430	
TX power, W	1	- Class 4
Sensitivity, dBm	-115 -105	- Dynamic - Static
Channel spacing, kHz	25	
Operating bandwidth, MHz	10	for RX and TX
Operating temperature, °C	-10...65	-20 on request
Dimensions, mm	49 x 80 x 8	
Power supply, V	3,6 - 4,2V	

## Services:

- TETRA SDS (status & text) TMO / DMO
- Individual / Group call, half / full duplex
- Emergency calls, priority calls
- Packet data single slot/multi slot, optional

## Addressing / Security:

- 1 individual address
- 10 group addresses
- Infrastructure / terminal initiated authentication
- Security class 1,2,3
- TEA2/3 by firmware upgrade, optional