



## microwapp™ 24150

digital microwave link 24GHz, 150Mbps, full-duplex, Gigabit Ethernet 1000 Mbps

Microwapp 24150 is a digital microwave link for data transmission in the 24GHz band. It is designed to interconnect computer networks with maximum speed 150Mbps in full-duplex mode. The transmission range is up to 3km based on the antenna type. Microwapp 24150 is supplied with 300mm and 600mm diameter parabolic dish antennas including radome covers.

System configuration and diagnostics:

- 1) WinBox
- 2) SSH, Telnet
- 3) SNMP protocol

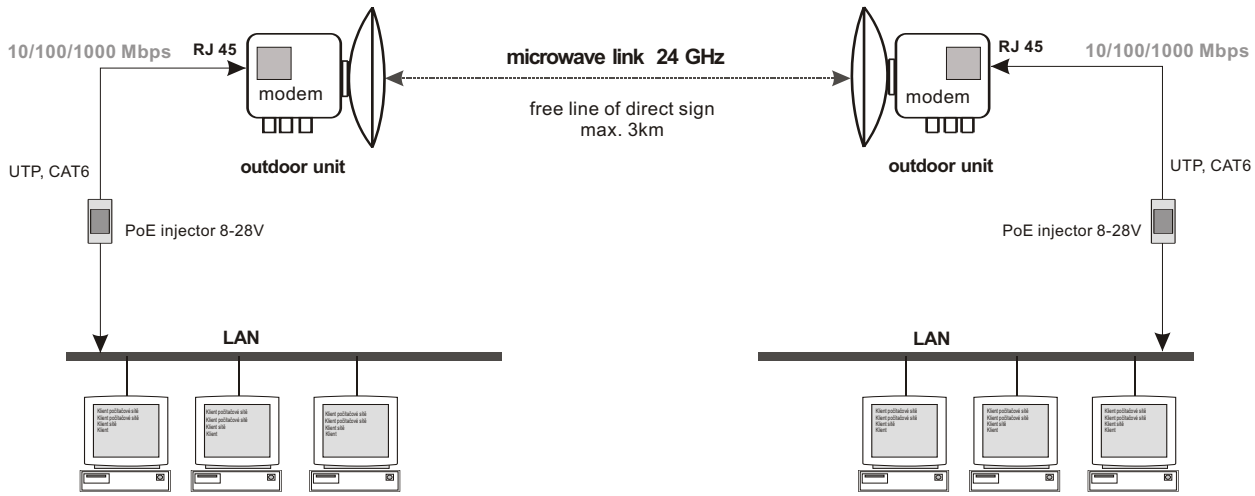
Microwapp 24150 including: 2 compact outdoor units with adjustable 300mm antennas with precise antenna holder assembly for fast and easy installation, motherboard based on Mikrotik RouterBOARD technology which allows modular expansion of microwave link by additional WIFI modules (2,4GHz or 5GHz) for sector coverage or use of another two gigabit ethernet interfaces for routing or other purposes. All microwave links are configured according to customers needs and made as plug and play solution with possibility of parameters change by customer.

### technical specifications

frequency band	24,05 - 24,250 GHz	
data rate	max. 150 Mbit/s	
modulation	BPSK, QPSK, 16-QAM, 64-QAM	bandwidth 5 - 40 MHz
transmitter power	max. 100 mW EIRP	
number of used channels	2 (full duplex)	
polarization	H or V	
maximum distance	parabolic dish antenna 300 mm	1 km
	parabolic dish antenna 600 mm	2 km
	parabolic dish antenna 900 mm	3 km
interfaces	3x Gigabit Ethernet	RJ45 connector
	10/100/1000Mbit/s, Auto-MDI/X	
power supply	PoE 8-28V (48V opt.) or external 8-30V	
operation temperature	-20° to + 50° C	

# microwave link block diagram

microwapp 24150



# microwave link block diagram, extended application example

