

Tetra PANEL XP Terrestrial Trunked Radio Antenna is designed for use in communication system ensuring co-ordination and smooth functioning of such services as police, fire, ambulance and other public safety agencies. The antenna has a large energy gain allowing users to access the system in places where until now it was impossible. The antenna was made in microstrip technology with high quality materials, fully resistant to weather conditions (humidity, wind, UV radiation).

The antenna is designed to work with networks:

- United Kingdom - "Airwave"
- Netherlands - "C2000"
- Israel - "Mountain Rose"
- Austria - "BOS"
- Serbia
- Iceland - "Island 112"
- Portugal - "SIRESP"
- Norway - "NodNet"
- Lithuania - "DMRCS"
- Croatia - "Mupnet"

Technical specification:

Model	BP-TETRA450PL-11
Gain	11 dBi
Operating frequency	440 – 480 MHz
Vertical beam width	39 degrees
Horizontal beam width	42 degrees
Impedance	50 Ohm
Connector	N (female) socket
VSWR	1.7
Radiator	Open DC
Dimensions	510 / 510 / 38.1 mm
Weight	3.24 kg
Polarization	Vertical / horizontal / diagonal (45 degrees)
Standards	Full compatibility with TETRA (TransEuropean Trunked Radio)
Mounting	Mast handle, diameter from 1/2 to 7/4 inch (allows full rotation and azimuth correction).

Radiation patterns:



