



# P-62 5G 14003800 MIMO

## Universal mobile networks antenna set

### Applications

- ▶ Cost-effectively expanding the operator's coverage area
- ▶ Long distance outdoor antenna set for Fixed Wireless Access (FWA)
- ▶ Stable high speed internet connectivity via LTE / 5G
- ▶ IoT applications
- ▶ Rural and urban household reception enhancement

### Features

- ▶ Wide frequency range 1400 - 3800 MHz antenna set
- ▶ MIMO (multiple-input, multiple-output) support for multiplying link capacity
- ▶ Includes two directional high gain antennas
- ▶ Includes 2x 10m high-quality low-loss cable with SMA-m connectors or on request
- ▶ +/- 45 degrees inclined easy installation for MIMO reception
- ▶ Reliable and robust design for optimal long-life performance
- ▶ Consistent broadband performance



**P-62 5G 14003800 MIMO**

Technical data for one antenna		P-62 5G 14003800 MIMO	
Frequency range	1400 - 3800 MHz	Cable type	WL 240/5.4/PE
Number of elements	62	Cable lenght	10 m or on request
Impedance	50 Ohm	Connector	SMA-m or on request
Gain	10 - 12 dB(I)	Installation	+/- 45 degrees inclined on mast
F/B ratio	24 dB	Supported mast diameter	20 - 55 mm
Polarization	X-polarization	Minimum distance between antennas	31 cm
Beam width	H 48° V 42° @1800 MHz	Optimal distance between antennas	46 cm
Feed power handling	max 50 W	Packed individually	set of two antennas in PVC bag
Max VSWR	< 1,5 :1	Grouped in cardboard box by	5 sets
Antenna lenght	100 cm	Cardboard dim. (L x W x H) / weight	111 x 34 x 27 cm / 11,8 kg

Mobile Network Generation	4G / 5G	2G / 4G	3G	N/A	4G / 5G	5G
f (MHz)	1427 - 1518	1710 - 1880	1920 - 2170	2401 - 2484	2500 - 2700	3300 - 3800
Technology	LTE LTE+ LTE-A	GSM DCS	UMTS IMT WCDMA UMTS HSDPA	Wi-Fi	LTE LTE+ IMT-E	5G

**Schematics**

