



P-62 5G 14003800

Universal mobile networks antenna

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

Types

Type V for vertical polarisation only

Type H/V for horizontal or vertical polarisation

Two H/V antennas installed in different polarisations can be combined into antenna MIMO system which significantly improves bitrates.

Features

- ▶ Wide frequency range 1400 - 3800 MHz antenna
- ▶ Vertical or H/V (for horizontal or vertical polarisation) support for multiplying link capacity
- ▶ Includes one directional high gain antenna
- ▶ Includes 10m high-quality low-loss cable or other length on request
- ▶ Includes SMA-m connector or other connector type on request
- ▶ Reliable and robust design for optimal long-life performance
- ▶ Consistent broadband performance



P-62 5G 1403800

Technical data		P-62 5G 1403800	
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	V: 90°; H/V: 0/90° inclined on mast
F/B ratio	24 dB	Antenna lenght	100 cm
Polarization	vertical or H/V (horizontal or vertical)	Supported mast diameter	20 - 55 mm
Beam width	H 48° V 42° @1800 MHz	Packed individually	PVC bag
Feed power handling	max 50 W	Grouped in cardboard box by	10 pcs
Max VSWR	< 1,5 :1	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

