# Broadband antenna

ISO 9001 CERTIFIED

## DIGITmax

RoHS



Broadband antenna **DIGITmax** is mainly designed for individual as well as collective antenna installations. It is particularly useful in areas where several TV programmes are transmitted from the same direction. **DIGITmax** is the passive antenna with internal balun. For poor signals it is used external micro-preamplifier with 15dB or 25dB gain. Preamplifier powering via coax cable directly from DVB-T set-top-box or RTV amplifier like WWK-861.

A plastic carrier for aerial elements, steel mast holder and two extendable reflectors from aluminum rods joint on the sides with brackets are fixed to the transverse aluminum beam. The housing contains a balun or preamplifier. Coaxial F-female output socket is located at the back of the housing.

- Good reception of distant stations, owing to large gain and directivity.
- Internal balun – DIGITmax.
- Supply voltage range for external preamplifier: 5÷24V DC
- Possible to install on a mast, wall etc.
- Modern, light and stable construction.
- Resistant to wind and atmospheric conditions.
- Easy to assembly – without any tools.

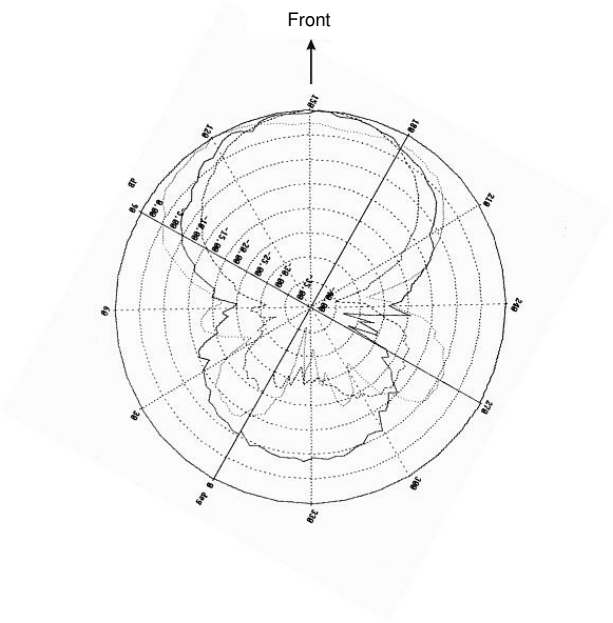
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## TECHNICAL SPECIFICATIONS

| Type | | | **DIGITmax** |
|---|---|---|---|
| Operating frequency | | MHz | 88 ÷ 862<br>(FM+VHF+UHF) |
| Gain | Band III (K6 ÷ k12) | dB | 6 |
| | Band IV (K21 ÷ k39) | dB | 10,5 |
| | Band V (K40 ÷ k69) | dB | 11 ÷ 14 |
| Polarity | | / | horizontal (H) |
| Half-power beam width | | (deg) | 45 |
| Front to back ratio | | dB | 29 |
| Mast diameter | | mm | 25 ÷ 60 |
| Windload | | N | max. 120 |
| Weight | | kg | 2,25 |
| Dimension In the working state (HxWxD) | | mm | 820 x 740 x 390 |
| Unit packaging – carton box | | mm | 750 x 529 x 220 |
| Output impedance | | Ω | 75 (internal balun) |
| Output connector | | / | F female |

## HORIZONTAL OPENING DIAGRAM






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