

DIGIT 5G Protected

Active DVB-T/T2 antenna

DIGIT Activa 5G Protected

White: WAN-0102-006-01 - Blue: WAN-0102-007-01



DIGIT 5G Protected antenna is designed for digital (DVB-T/T2) and analog terrestrial television signals operating in the UHF band (C21 - C48). The antenna design ensures uniform amplification of received signals across the entire frequency range. The antenna in the active version "DIGIT Activa 5G Protected" is dedicated to areas with average and good reception conditions.

A high value of the rear/front radiation coefficient ensures that the antenna is insensitive to signals reflected by obstacles located behind the antenna.

DIGIT 5G antenna is designed for horizontal mounting on building walls and roofs, it can also be mounted on cars and caravans.

Antenna is characterized by a very low standing wave coefficient value of ≤ 2.2 , which means it has good impedance matching.

DIGIT 5G antenna housing is made of high-quality ABS plastic with moisture protection that guarantees great durability and lightness.

Main features

- The antenna is designed to receive digital TV signals (DVB-T/T2)
- Integrated antenna preamplifier
- Integrated 5G SAW filter
- Strong attenuation of GSM/LTE/5G mobile signals
- Low standing wave coefficient VSWR ≤ 2.2
- Great resistance to adverse weather conditions
- Excellent technical and functional parameters
- Luxury antenna: reliability, durability and aesthetics
- Simple assembly without tools required
- An ideal antenna for the city, camping and wherever it is impossible to use a large antenna.

Technical characteristics

Name:	DIGIT Activa 5G Protected	
Index no.	White: WAN-0102-006-01 / Blue: WAN-0102-007-01	
Parameters		
Frequency range	MHz	47 – 694 (UHF: C5 – C48)*
Passive gain	dB	7
Amplifier gain	dB	18 ... 20
Max. output level	dBμV	107
Out-of-band attenuation	dB/MHz	>15 / 700
Polarisation	/	Horizontal
Noise figure	dB	> 4,5
Beam width 3 dB in the horizontal plane	° (deg)	75
Beam width 3 dB in the vertical plane	° (deg)	130
Front/rear ratio	dB	> 15
VSWR	/	≤2,2
Power supply	V/mA	5 ... 24 / 40
Other		
Max. mast diameter	mm	25 - 45
Power consumption	mA	40 @ +12V
Impedance	Ohm	75
Connector type	/	F female
Dimensions	mm	360x335x155
Weight	Kg	1,19
Colour	/	White / Blue
Packaging	/	Colour carton box

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