

ACTIVE ANTENNA

ASH-300



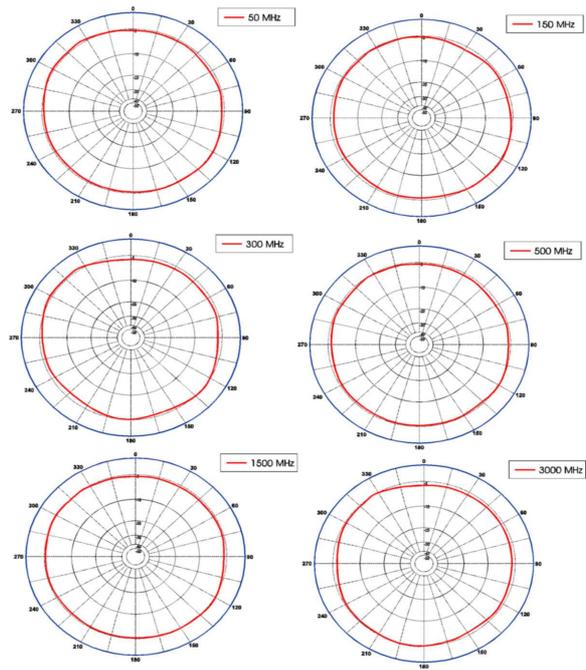
The wideband active antenna designed to stationary and mobile applications. Waterproof construction and careful materials selection with a special consideration of environmental resistance enable applying in special vehicles of different kind equipped with broadband listening receivers. Vertical radiation pattern is optimized with a special consideration of mobile radiocommunication services. The air version of ASH-300 enables operating in upside-down position.

ELECTRICAL

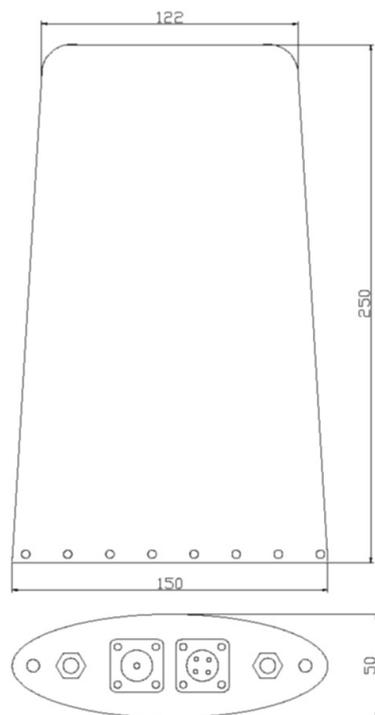
Gain (ref. to $\lambda/2$ dipole)	3,0 dB @ 250- MHz, 10 dB@ 1000 MHz , <u>12dB@2500</u> MHz
Radiation pattern	Omnidirectional
Impedance	50 Ω
Antenna type	Active
Amplifier resistance to external fields	80 V/m @ 10-100 MHz 50V/m @ 100-500MHz 20V/m @ 500-3000 MHz
Power supply	12-18 V / 0,1 A
Bandwidth	20-3000 MHz
Horizontal radiation pattern code (H-plane)	000ND00 (CEPT Recommendation T/R 25-08)
Vertical radiation pattern code (E-plane)	030DE10 (CEPT Recommendation T/R 25-08)

MECHANICAL

Connector	N,
Material	Aluminium, fiberglass
Polarization	vertical
Total height	25 cm
Weight	1,1 kg
Dimension between mounting handles	95 mm
Mounting	2 M8 screws
Maximum wind speed in direction of the ride	250 km/h
Temperature range	-40°C ÷ +70°C
Humidity	≤ 100% at +40°C
Protection level	IP55
Compatibility with standards	DIN 6068-2-30 , DIN 40050



Radiation pattern



External dimensions of ASH 300



P.U.P. Net-Com

41-902 Bytom, ul. Piekarska 102/7

tel./fax (32) 282-68-21, 0601-22-08-97

www.net-com.bytom.pl e-mail : biuro@net-com.com.pl