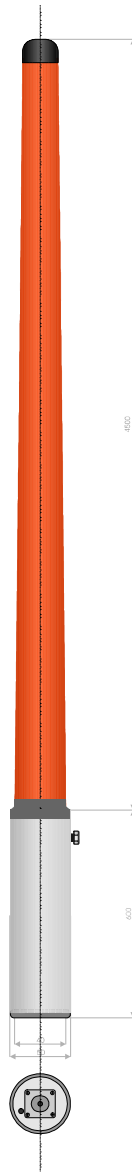


**Base Station Antenna**  
**BSN LB 33-55 MHz**



**The omnidirectional antenna designed for vertical polarization, produced in versions covering whole HF Low Band. Waterproof construction and careful material selection ensure dependable service in all environments. Vertical radiation pattern is optimized and tuned with a special consideration of mobile radiocommunication working in urban environment.**

## ELECTRICAL

Gain (ref. to $\lambda/2$ dipole)	3,5 dB
Horizontal radiation pattern	Omnidirectional
Impedance	50 $\Omega$
Antenna type	2 x $1/2 \lambda$
VSWR	$\leq 1,15$
Maximum power	200 W
Bandwidth	2 MHz
Horizontal radiation pattern code (H-plane)	000ND00 (CEPT Recommendation T/R 25-08)
Vertical radiation pattern code (E-plane)	039DE00 (CEPT Recommendation T/R 25-08)

## MECHANICAL

Connector	N, UCI
Material	Aluminium PA 38, fiberglass,
Polarization	Vertical
Diameter of mast tube	50 mm
Weight	5 kg
Lightning protection	galvanic, additional wire
Total height	5230 mm
Warranty period	2 years
Packaging	Carton box
Height of antenna mounting tube	580 mm

## CLIMATIC CONDITIONS

Wind speed	45 m/s
Range of the temperature	-40°C ÷ +70°C
Humidity	$\leq 100\%$ at +40°C



**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.bytom.pl