

VHF ANTENNA: TYPE CXL3-1LW



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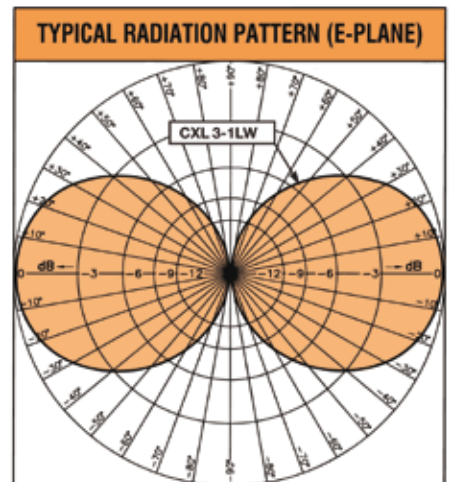
CXL3-1LW is a 0dB, vertically polarised, omnidirectional base station antenna for the 117 - 137 Mhz band. The antenna is a broadband $\lambda/2$ dipole design, and it is equipped with our type "LW" mast mount, which is a lightweight, all-purpose, gold-anodized aluminium mounting bracket with stainless steel fittings. The antenna can be mounted on vertical or horizontal mast tubes, 16 to 54mm in outer diameter. The construction of the mount makes it possible to lead the cable either along the inside or on the outside of the mast tube.

A conical glassfibre tube with very low wind-loading completely encloses the carefully designed radiating element to ensure long dependable service in all climates. To substantially reduce noise caused by atmospheric discharges, all metal parts in the antenna are DC grounded. Consequently, the antenna shows a DC-short across the coaxial cable. The CXL3-1LW is a vibration-proof, lightweight, slimline, corrosion resistant, modern style base station antenna.



SPECIFICATIONS:

Frequency	117-137MHz
Impedance	50 Ω nom.
Polarisation	Vertical
Gain	0 dB
Bandwidth	18MHz
SWR	< 1.6
Max Power	150 Watt
Connector	N-type female
Wind load	21.6 N (at 150km/h)
Total length	Approx. 1.51 m
Weight	Approx. 0.80 kg
Mounting	16 - 54 mm mast tube
Storage Temp	-50°C to +50°C at humidity max. 60%
Temp.at install	-40°C to +60°C
Temp at use:	-40°C to +60°C



Agent/Distributor:

Produsent:



Jotron AS reserves the right to change the design and/or specifications at any time without prior notice.

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CONTACT INFORMATION

Jotron AS
P.O.Box 54
3280 Tjodalynq
Norway
Tel: +47 33 13 97 00
Fax: +47 33 12 67 80
sales@jotron.com

Jotron Phontech AS
P.O.Box 274
3192 Horten
Norway
Tel: +47 33 08 35 00
Fax: +47 33 08 35 01
sales@phontech.com

Jotron UK Ltd.
Crosland Park, Off Crowhall
Road Cramlington
Northumberland NE23 1LA,
United Kingdom
Tel: +44 (0) 1670 712000
Fax: +44 (0) 1670 590265
sales@jotron.co.uk

Jotron Asia Pte. Ltd.
19 Loyang Way, Changi Logistics
Centre
Rear Office Block 04-26
Singapore 508724
Tel: +65 65426350/Fax: +65
65429415
sales-asia@jotron-asia.com

Jotron USA, Inc.
10645 Richmond Avenue, Suite 140
Houston, TX 77042
USA
Tel: +1 713 268 1061
Fax: +1 713 268 1062
contact.us@jotron-usa.com