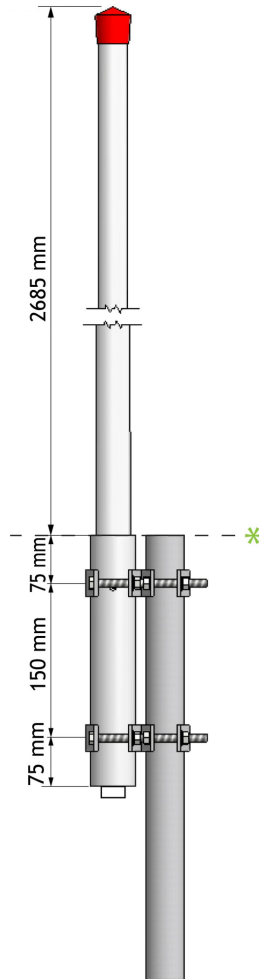


CXL TETRA-5SL/...

Sturdy, 5.4 dBi, Omnidirectional Base Station Antenna for the TETRA Bands

DESCRIPTION

- CXL TETRA-5SL/... is a 5.4 dBi, vertically polarized, omnidirectional base station antenna for the TETRA bands.
- The antenna has a bandwidth of 20 MHz.
- The antenna element is sealed in a high-quality, cylindrical glass fibre tube with low wind-load, ensuring an undisturbed performance 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.
- CXL TETRA-5SL/... is a vibration-proof, slim-line, corrosion-resistant, modern style base station antenna.



- * The top of the mounting SL tube must be in alignment with the top of the mast.

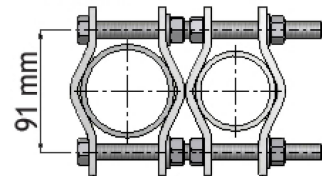
ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
CXL TETRA-5SL/...	100000464

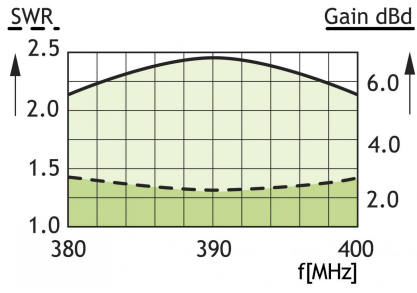
SPECIFICATIONS

ELECTRICAL	
MODEL	CXL TETRA-5SL/...
ANTENNA TYPE	High-gain collinear
FREQUENCY	380 - 400 MHz
IMPEDANCE	Nom. 50 Ω
RADIATION	Omnidirectional
POLARIZATION	Vertical
GAIN	7.5 dBi (5.4 dBd)
HALF POWER BEAMWIDTH	15°
BANDWIDTH	20 MHz
SWR	≤ 1.5
MAX. POWER	250 W
ANTISTATIC PROTECTION	All metal parts DC-grounded (Connector shows a DC-short)
MECHANICAL	
TEMP. RANGE	-30°C → +70°C
CONNECTOR	7/16 DIN female
WIND SURFACE	0.122 m ²
WIND LOAD	143 N @ 160 km/h
COLOUR	Marine white
MATERIALS	Radome: Polyurethane-coated glass fibre Procom clamp set: Hot galvanized steel
TOTAL HEIGHT	Approx. 3.0 m
WEIGHT	6.5 kg
MOUNTING	On 33 - 70 mm dia. mast tube

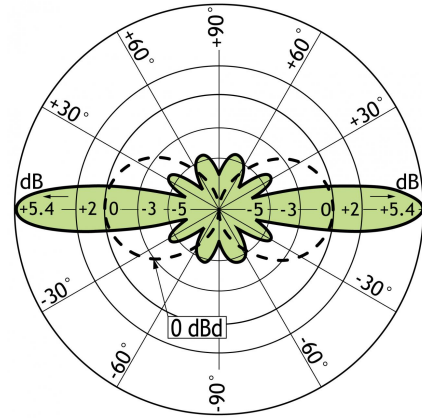
PROCOM CLAMP SET (INCLUDED)



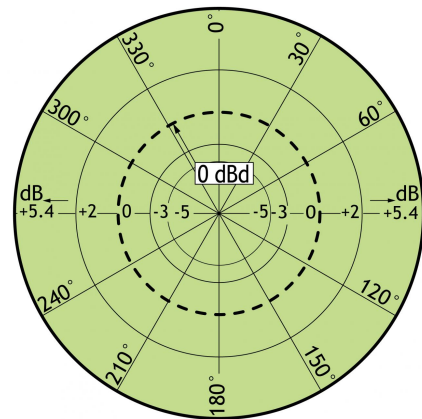
TYPICAL GAIN AND SWR CURVES



TYPICAL RADIATION PATTERN (E-PLANE)



TYPICAL RADIATION PATTERN (H-PLANE)



PROCOM A/S reserve the right to amend specifications without prior notice.
29/11/13