

CX 2 m

Features:

- # Base station antenna, Mono-band
- # Low-gain, Omnidirectional
- # Factory tunable according to specific customer's frequency
- # Protection from static discharges DC-Ground
- # Made of aluminium alloy 6063 T-832

Specifications

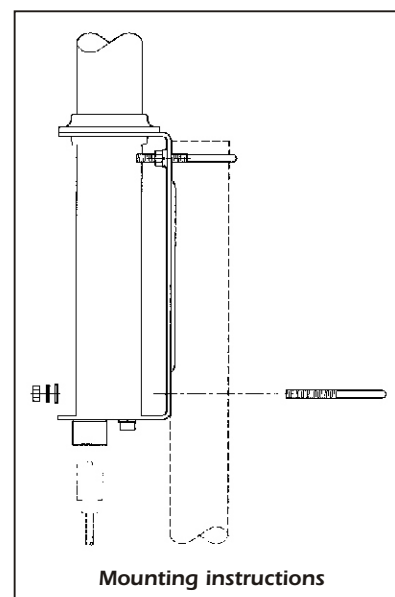
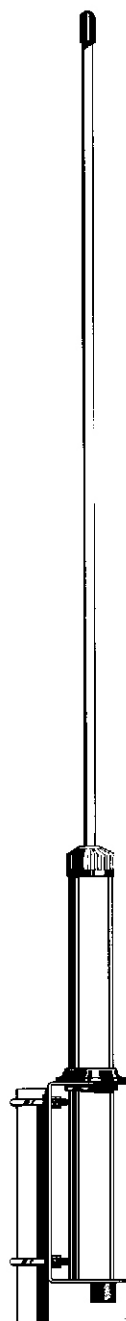
Electrical Data

Type	3/4 Coaxial J-Pole
Frequency Range at V.S.W.R. 1.5:1	
CX 145	144-148 MHz
CX 152	150-154 MHz
CX 156	156-160 MHz
CX 160	160-164 MHz
Impedance	50 Unbalanced
Radiation (H-plane)	360° Omnidirectional
Radiation (E-plane)	Beamwidth at -3 dB = 68°
Radiation angle deg.	0°
Polarization	Vertical
Gain	2 dBd - 4.15 dBi
Bandwidth at V.S.W.R. 2:1	
CX 145	7.45 MHz
CX 152	7.1 MHz
CX 156	6 MHz
CX 160	8.1 MHz
V.S.W.R. at res. freq.	1.2:1
Max Power	250 Watts
Feed System/ Position	Gamma Match/ Base
Connection	UHF-Female

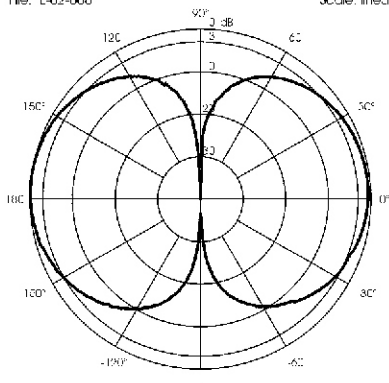
Mechanical Data

Materials	Aluminium, Brass, Steel, Nylon
Wind Load/ Resistance	51 N at 150 Km/h / 180 Km/h
Wind Surface	0.04 m ²
Height (approx.)	
CX 145	1535 mm
CX 152	1480 mm
CX 156	1410 mm
CX 160	1375 mm
Weight (approx.)	1000 gr
Mounting Mast	35-42 mm

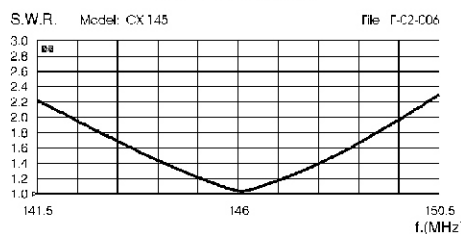
code 2102201.00 CX 145
code 2103901.00 CX 152
code 2102301.00 CX 156
code 2102401.00 CX 160



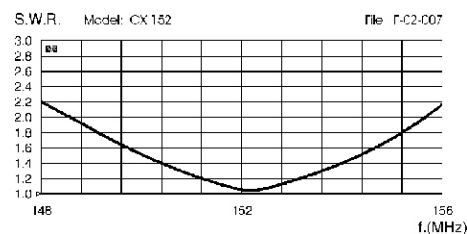
TYPICAL RADIATION PATTERN In E-plane at mid-band
File: C-02-006 Scale: linear



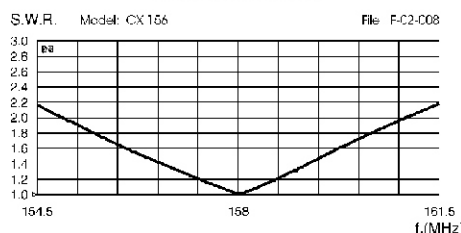
TYPICAL S.W.R. RESPONSE



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