



SIRIO

antenne

Base antennas

UHF .3-3GHz

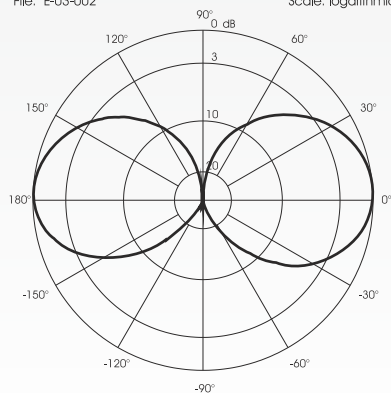
CX 70 CM SERIES

Coaxial J-pole 380-485 MHz

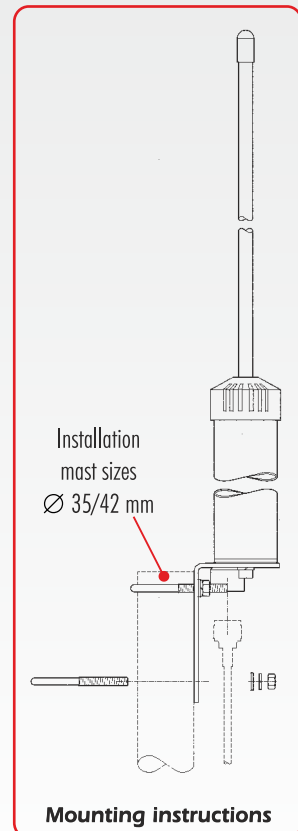
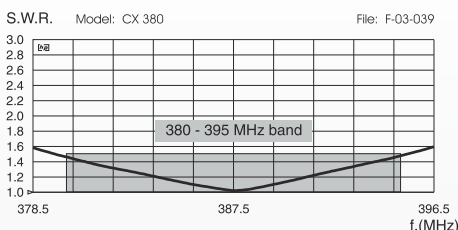
Features:

- # Base station antenna, Low-gain
- # Omnidirectional, Mono-band
- # Protection from static discharges DC-Ground
- # Made of aluminium alloy 6063 T-832

TYPICAL RADIATION PATTERN in E-plane at mid band
File: E-03-002 Scale: logarithmic



TYPICAL S.W.R. RESPONSE



Electrical Data	CX 380	CX 395	CX 410	CX 425	CX 440	CX 455	CX 470
Type	3/4 λ Coaxial J-pole						
Frequency Range @ SWR ≤ 1.5	380-395 MHz	395-410 MHz	410-425 MHz	425-440 MHz	440-455 MHz	455-470 MHz	470-485 MHz
Impedance	50 Ω						
Radiation (H-plane)	360° Omnidirectional						
Radiation (E-plane)	beamwidth @ -3 dB = 60°						
Radiation angle deg.	0°						
Polarization	Linear Vertical						
Gain	2 dBd - 4.15 dBi						
Max Power (CW) @ 30°C	200 Watts						
Grounding Protection	All metal parts are DC-grounded, the inner conductor shows a DC short						
Connector	N-female						
Mechanical Data							
Materials	Aluminium, Zamak, Steel, Brass						
Wind Load @ 150 km/h	25 N	25 N	25 N	25 N	24 N	23 N	23 N
Wind Resistance	180 Km/h, 112 mi/h						
Wind Surface	0.02 m ² , 0.21 ft ²						
Height (approx.)	665 mm, 2.2 ft	645 mm, 2.1 ft	625 mm, 2.05 ft	605 mm, 2.0 ft	590 mm, 1.93 ft	575 mm, 1.88 ft	558 mm, 1.83 ft
Weight (approx.)	540 gr, 1.2 lb						
Mounting Mast	Ø 35 - 42 mm, 1.4 - 1.6 in						
P/N	2104101.00	2107301.00	2102501.00	2102601.00	2102701.00	2102801.00	2107701.00