

# CXL-VHF/GSM

2-Band Marine Antenna Covering Marine VHF and 900 MHz Cellular (GSM, NMT-900)



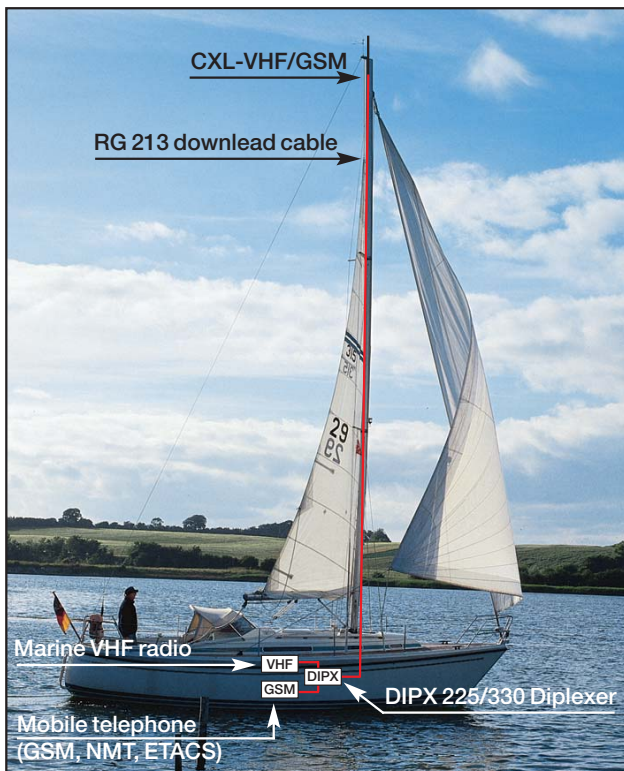
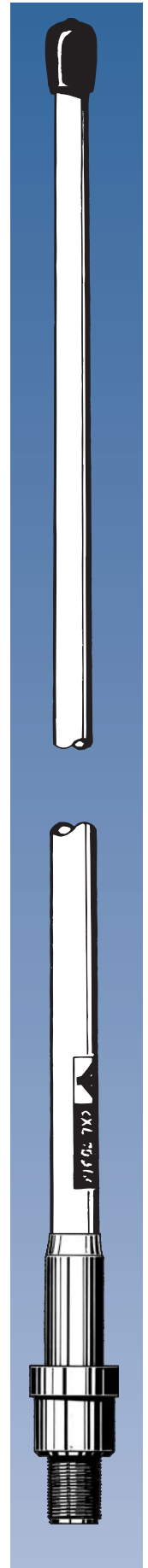
## DESCRIPTION:

- ★ Covers 155–162 MHz (marine VHF) and 890–960 MHz (GSM and NMT-900) with 0 dBd gain on both bands.
- ★ Mounting using standard marine 1" revolving nut system.
- ★ The existing antenna can easily be replaced – the downlead cable may be reused.
- ★ Saves weight and exploits the precious space at the masthead best possible.
- ★ Performs much better than two antennas (often mounted too close to each other – thereby destroying each other's performance).
- ★ Only one downlead cable necessary – saves additional weight. RG 213 recommended for lowest cable loss on both bands.
- ★ Mount the antenna as high as possible and unobstructed by metal objects.
- ★ Optional splitting filter (diplexer) type DIPX 225/330 available to connect the two radio telephones to the downlead cable.
- ★ Wide range of accessory mounting brackets available (see below).

## SPECIFICATIONS:

ELECTRICAL	
MODEL	CXL-VHF/GSM
ANTENNA TYPE	Dual-frequency coaxial antenna
FREQUENCY	Marine VHF: 155–162 MHz GSM/NMT: 890–960 MHz
IMPEDANCE	Nom. 50 Ω
RADIATION	Omnidirectional
POLARISATION	Vertical
GAIN	Marine VHF: 2 dBi (0 dBd) GSM/NMT: 2 dBi (0 dBd)
SWR (Both Bands)	TX: ≤ 1.5 RX: ≤ 2.5
MAX. POWER	100 watt
ANTISTATIC PROTECTION	All metal parts DC-grounded (Shows a DC-short at the connector)

MECHANICAL	
TEMP. RANGE	-30° C → +70° C
MATERIALS	Shroud: Polyurethane coated glassfiber Mounting bracket: Chromed brass
CONNECTOR	N-female
WIND SURFACE	Approx. 0.013 m <sup>2</sup>
WIND LOAD	Approx. 15 N (at 150 km/h)
COLOUR	Marine white
TOTAL HEIGHT	Approx. 1.1 m
DIA. IN TOP END	8 mm
DIA. IN BOTTOM END	16 mm
WEIGHT	Approx. 400 g
MOUNTING	On 1" RG (G1"-11) threaded pipe or on optional mounting brackets (see below). Revolving nut enclosed



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

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## FME-SYSTEM ACCESSORIES

### FME-CABLES

LENGTH	TYPE NO.
1m	1m FME
2m	2m FME
3m	3m FME
4m	4m FME
5m	5m FME
6m	6m FME
4m white	4m FME-white
6m white	6m FME-white
12m white	12m FME-white
18m white	18m FME-white

For further information about other types of FME-cables please compare the cable data sheets under accessories in our catalogue.

## FME-SYSTEM ACCESSORIES

### FME-CONNECTORS

CONNECTOR	ORDER NO.
FME-FME	FME-FME
Prolongation	FMEP
N	FME-N
FSMA	FME-FSMA
BNC	FME-BNC
TNC	FME-TNC
UHF	FME-UHF
Mini-UHF	FME-MUHF
Elbow-MUHF	FME-EMUHF
Elbow-BNC	FME-EBNC
Elbow-TNC	FME-ETNC
SMA	FME-SMA

## ACCESSORIES: (to be ordered separately)

