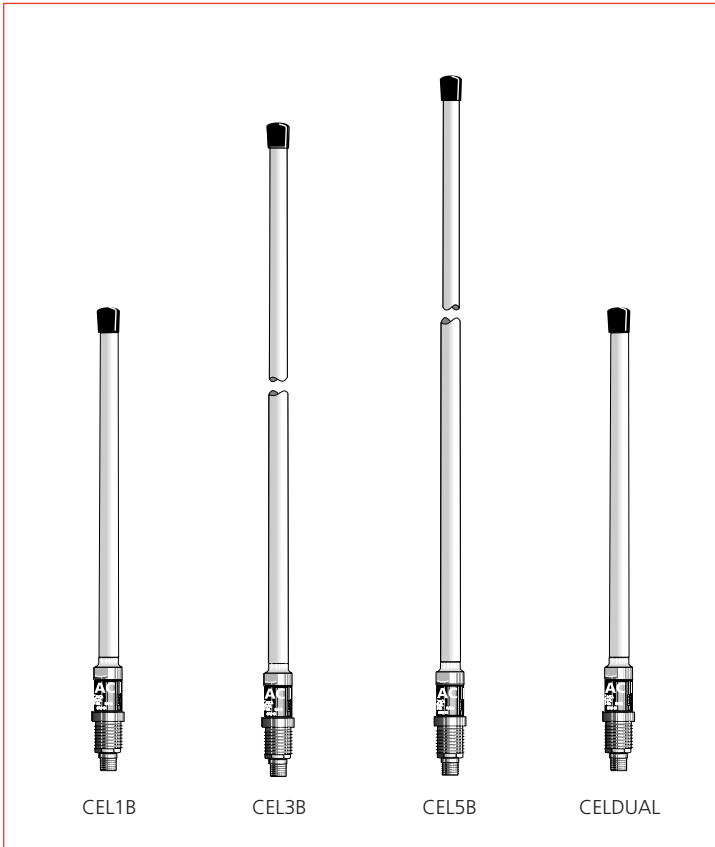


**General Description**



**CEL1B, CEL3B and CEL5B**

The CEL series of marine antennas for cellular applications are ruggedly designed to perform in the most demanding environments.

All models feature copper and copper alloy internal construction.

**CELdual**

A Dual band antenna, where one antenna covers two frequencies: GSM and DCS.

The CELdual has the same rugged design as all other AC Marine antennas.

**Note:**

The CEL3B is also available in an 2.4 m (8") version or without N240F (CEL3B-2).

**Electrical Specifications**

Model:	CEL1B	CEL3B	CEL5B	CELdual
Frequency Range - [MHz]	890-960	890-960	890-960	890-960/1710-1880
VSWR	< 1.5:1	< 1.5:1	< 1.5:1	< 1.5:1
Gain - [dBd/marine dB]	0/3	3/6	5/10	0/3
Polarization	Vertical	Vertical	Vertical	Vertical
Connector Termination	N-Female	N-Female	N-Female	N-Female
Maximum Power [watts]	100	100	250	20/10
DC-Grounded	Yes	Yes	Yes	Yes

**Mechanical Specifications**

Model:	CEL1B	CEL3B	CEL5B	CELdual
Length - [m/ft.]	0.44/1.44	1.1/3.6	1.5/4.9	0.44/1.44
Weight - [kg/lbs.]	0.4/0.9	0.85/1.9	1/2.2	0.3/0.67
Mounting Supplied	N240F	N240F	N240F	N240F

All information contained in the present brochure is subject to confirmation at time of ordering

Please visit us on the internet at <http://www.acmarine.dk>