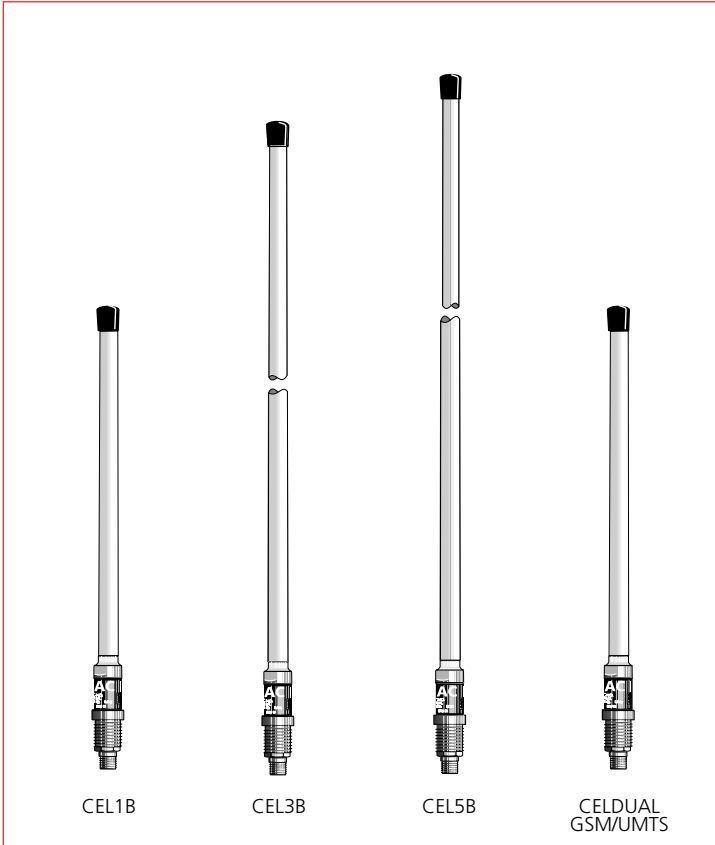


General Description



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).

GSM/UMTS

A new dualband antenna covering two frequencies: GSM and UMTS.

Electrical Specifications

Model:	CEL1B	CEL3B	CEL5B	CELdual	GSM/UMTS
Frequency Range - [MHz]	890-960	890-960	890-960	890-960/1710-1880	890-960/1920-2170
VSWR	< 1.5:1	< 1.5:1	< 1.5:1	< 1.5:1	< 2:1 GSM + < 2.5:1 UMTS
Gain - [dBd/marine dB]	0/3	3/6	5/10	0/3	0/3
Polarization	Vertical	Vertical	Vertical	Vertical	Vertical
Connector Termination	N-Female	N-Female	N-Female	N-Female	N-Female
Maximum Power [watts]	100	100	250	20/10	20/10
DC-Grounded	Yes	Yes	Yes	Yes	Yes

Mechanical Specifications

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

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

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