ALSEAMAR
ALCEN

AXF475

INTEGRATED MULTIFUNCTION ANTENNA FOR SUBMARINES

Multifunction antenna for submarine with interchangeable mastheads. Enables simultaneous Rx and Tx on a wide frequency range.

In service in French Navy.



UHF/ SATCOM

INMARSAT

TECHNICAL CHARACTERISTICS

- Tx/Rx antenna
- HF tuning box with Z measurement and table preselection
- Interchangeable masthead - 2 functions available :

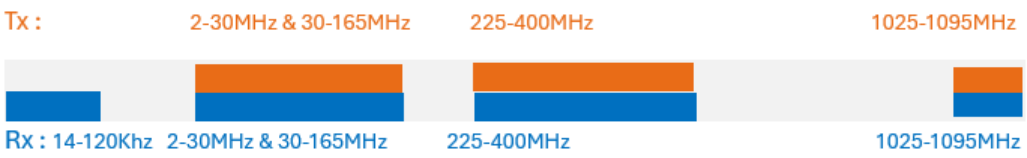
- Inmarsat Fleet Broadband
- UHF Satcom

MECHANICAL DATA

Maximum weight	300 kg
Lenght	5,20 m
Maximum diameter	360 mm

FREQUENCY RANGES

Function	Band of operation	Capacity
VLF/LF Receive	14 kHz - 120 kHz	Receive only
HF Transceive	2 MHz - 30 MHz	500 W
VHF Transceive	30 MHz - 165 MHz	100 W
UHF LOS Transceive	225 MHz- 400 MHz	100 W
UHF SATCOM Transceive	240 MHz - 320 MHz	200 W
IFF Transpond	1025 MHz - 1095 MHz	500 W



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