

Antennas AD-2 represent the family of transceiving self-supporting HF monopoles. The antennas are composed of two- or three sections, connected together by screw-joints, protected against unscrewing with cross screw protecting unit. The first part of the antenna is support, designed in four types with difference in the way of mounting and also connecting of the RF feeding wire. The support type A has the antenna connector below the flange and is convenient for mounting directly on deck, where the antenna connector is safe against atmospheric influences. The support type B is similar, only a special insulator is added below the flange allows the antenna to be mounted outside on a proper console. The support type C and D have side mounted antenna connector in a special waterproof housing with a lead-in unit. They differ only in the way of mounting. All the antenna connectors are screw type with M8 nuts. The antenna sections are made of epoxy-glass composite material and the screw joints are made of stainless steel. The antennas are very lightweight but on the other side they are highly resistant against all weather conditions. The flange on the support type A, B and C is made of special polyamide with excellent mechanical characteristics. Antennas AD-2 are intended primarily for use on all kind of ships, oil rigs etc. They could be also used on ground objects for stationary use. In that case a special wire ground-plane must be ordered.

TECHNICAL CHARACTERISTICS	
Frequency range	1.6 - 30 MHz
Polarization	VERT.
Radiation pattern	Omnidirectional
Connector	M 8
Maximum power	1500 W
Height	10 m
No. of Sections	3
Weight	12 kg
Diameter	38/28/20 mm
Wind velocity	200 km/h
Temperature range	-40...+70°C

General antenna type naming system:

AD-2/X-Y; where:

X = attachment type (A, B, C or D)

Y = height in meters

(**AD-2/C-10** is 10 m three sections antenna with bottom flange and side connector)

AVAILABLE ACCESSORIES:

- PK-02: Connection Box for the antennas type AD-2/C-... and AD-2/D-... (see separate data sheet for the PK-02)



