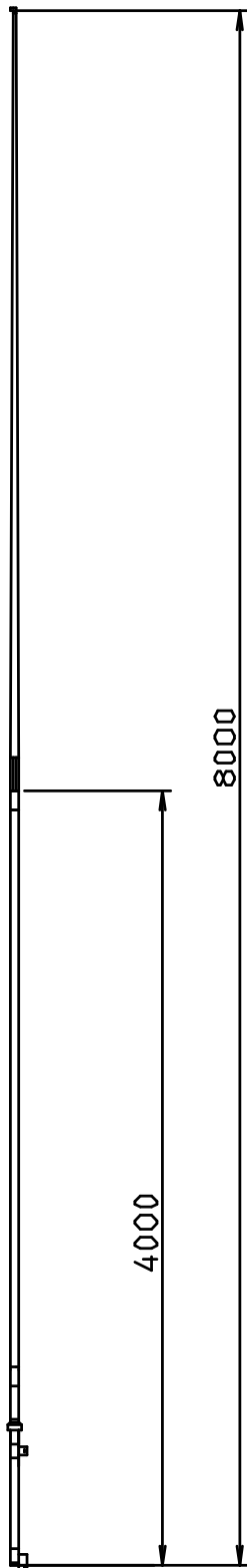


COMROD AT80B

Radio Beacon Transmitting Antenna



Application:

Comrod's AT80B radio beacon transmitting antenna is a high quality glassfibre antenna, designed to operate in the frequency range 200-500 kHz. Its construction makes it ideal for use in harsh environments.

Electrical specifications:

Frequency range	200-500 kHz
Power rating	150 W
Resonance frequency	750 kHz
Static capacitance	90 pf at 300 kHz

Mechanical specifications:

Design	Selfsupporting fiberglass mast antenna. Brackets in hot dip galvanized steel.	
Height	8 m (27 ft)	
Weight	10 kg	
Sections	Base section	ATB40B
	Top section	APB41
Wind rating	55 m/s = 125 mph	
Moment of flexure	80 kpm at 55 m/s	
Deflection due to wind load	3.7 m (13 ft) at tip ball at 55 m/s wind load	
Finish	Polyurethane lacquer, white	
Temperature range	-55 °C, +55 °C, -67 °F, +131 °F	
Ice buildup	Not affected	

Mounting:

Mounting by means of 2 x M10 bolts to welded brackets or to a mast by means of the ATC-mounting (included).

Suitable feeding cable: 7 x 7 x 0.6mm hard drawn copperwire.

