

# COMROD AS9RB

## Radio Beacon Transmitting Antenna

### Application:

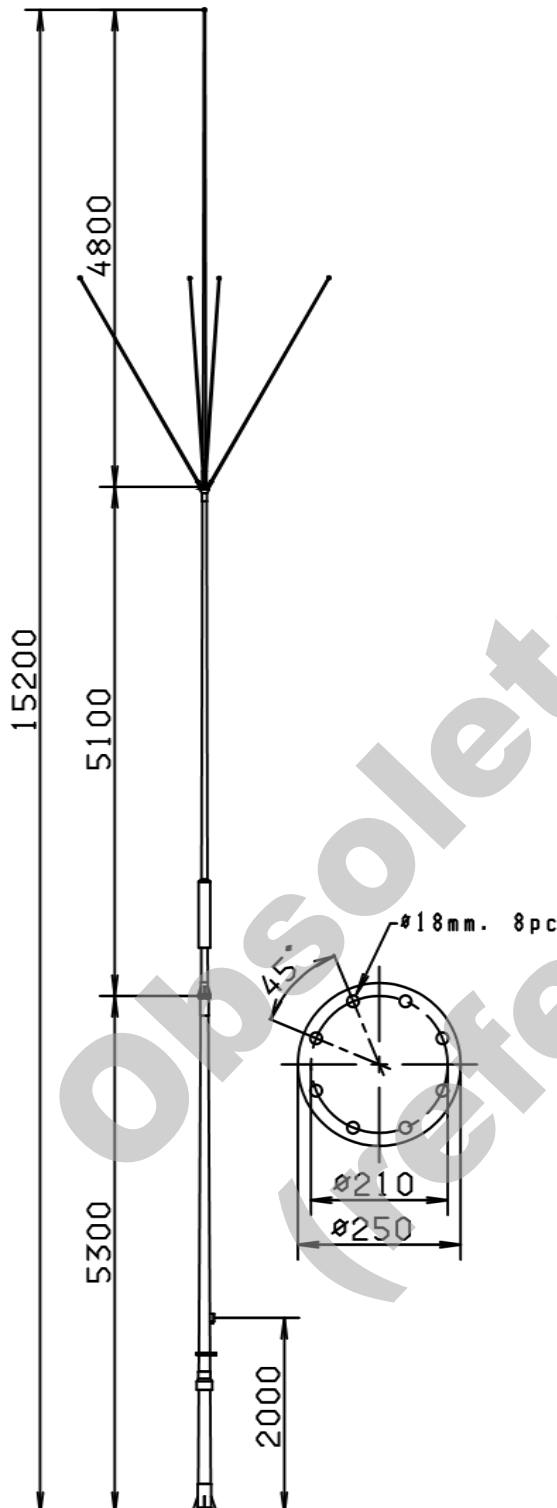
Comrod's AS9RB radio beacon transmitting antenna is a high quality glassfibre antenna, designed to operate in the frequency range 200-500 kHz. Its construction makes it ideal for use in harsh environments and when outstanding efficiency is required.

### Electrical specifications:

Frequency range	200-500 kHz
Power rating	150 W
Resonance frequency	450 kHz
Static capacitance	280 pf at 300 kHz

### Mechanical specifications:

Design	Selfsupporting coil loaded fiberglass mast antenna. Armatures are bronze and stainless steel.
Height	15.2 m (50 ft)
Weight	70 kg
Sections	Base section AMS9: 47.0 kg Coil section ASS9RB: 17.0 kg Top whip APB50: 2.6 kg Top side whips 4xAPB3: 3.8 kg
Wind rating	55 m/s = 125 mph
Moment of flexure	900 kpm at 55 m/s
Deflection due to wind load	8 m (24 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 8 x M16 bolts to flange or pedestal.

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

Look for more detailed mounting instructions at AS9 datasheet.