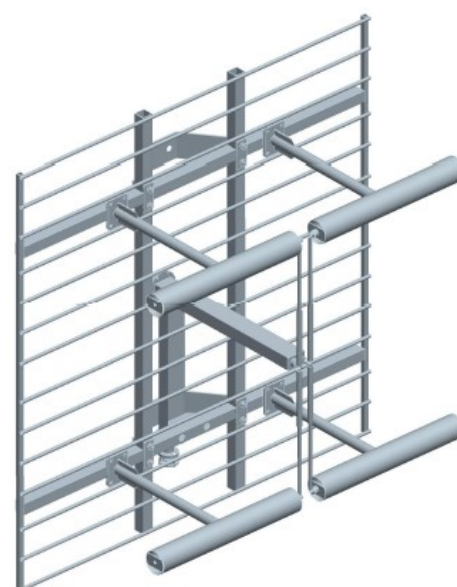


BAN07D

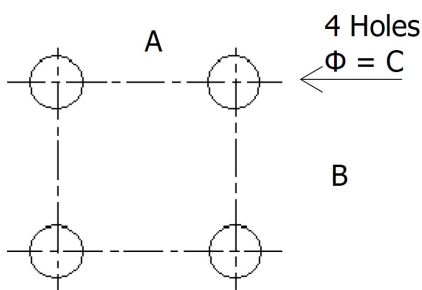
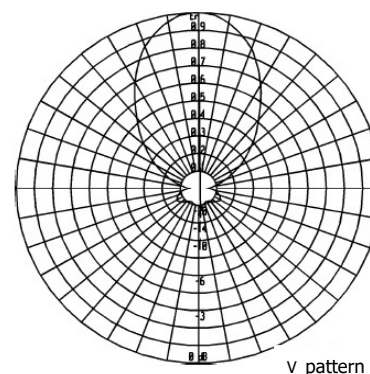
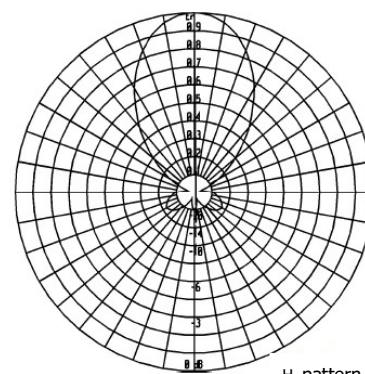
Two Dipoles Panel

156 ÷ 174 MHz



Type	BAN07D
ELECTRICAL	
Frequency	156 ÷ 174 MHz
Impedance	50 Ω Unbalanced
V.S.W.R. (R.L.)	< 1.20 (20.8 dB)
Gain	10 dBi
HPBW H-pattern	± 30°
HPBW V-pattern	± 27°
Polarization	Horizontal or Vertical
Max Power	See Below Table
Input Connector	N (f), 7-16 (f) din
Lightning Protection	DC Grounded
MECHANICAL	
Connector Material	Nickel Plated Brass
External Parts Material	Passivated Stainless Steel
Internal Lines Material	Polished Brass
Insulators Material	Virgin PTFE
Brackets and Hardware Material	Stainless Steel
Pressurization	Yes
Survival Wind Velocity	180 km/h
Wind load at 160 km/h Frontal	810 N
Wind load at 160 km/h Lateral	440 N
Dimensions	140 x 140 x 60 cm
Weight (incl. Brackets)	67.0 kg
Mounting System	See Below

RADIATION PATTERN



MOUNTING SYSTEM

On frame according with the mounting lay-out beside, where:

A = 550 mm

B = 550 mm

C = 14 mm

Pole mount available on request.

Ordering Information

p/n	Input Connector	Max Power
BAN07D.00	N (f)	100W
BAN07D.01	7-16 (f) din	300W