

BAN0117..SX

**3+3 Elements Double
Yagi Antenna**

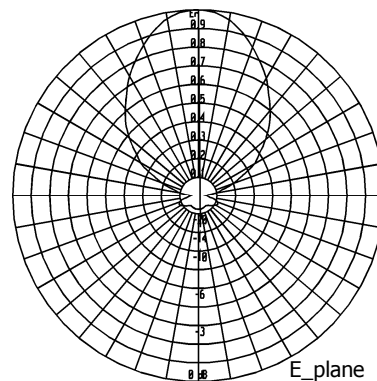
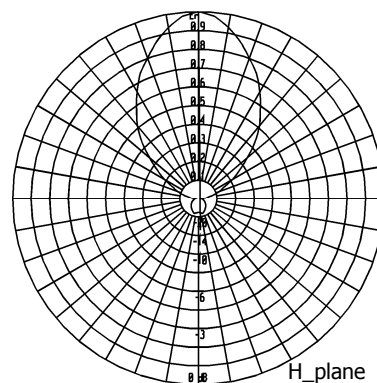
52.5÷ 88 MHz

Type	BAN0117ASX	BAN0117BSX	BAN0117CSX
Frequency [MHz]	52.5÷59.5	61÷68	81÷88
Impedance		50 Ω	
V.S.W.R.		< 1.35	
Gain		7.5 dBd	
HPBW			
E-plane		± 31.5°	
H-plane		± 28°	
Polarization		Horizontal or Vertical	
Input connector		7/8" EIA flange miter elbow	
option 1		7/16 female miter elbow	
Max power		2 kW - with 7/8"	
Survival wind velocity	180 km/h		
Wind load at 160 km/h			
Frontal [N]	782	673	556
Lateral[N]	840	723	633
Dimensions [cm]	307x188x300	275x1x275	210x155x230
Packing type		wooden crate	
dimensions [cm]	337x45x25	305x45x25	240x45x25
Net weight [kg]	50	45	39
Gross weight [kg]	70	66	55



This antenna is dismantlable and is shipped completely disassembled.

RADIATION PATTERN



External structures are made of stainless steel as well as nuts and screws.
All metallic parts are connected to the ground.

Each antenna is sealed and pressurisable.

Input connector is nickel plated while internal lines are made of silver plated brass.
The revolving miter elbow can be oriented to make the feeder connection easier

MOUNTING SYSTEM

On frame on request.

Special frame mount solutions for horizontal or vertical polarization can be supplied according to customer specifications.