

2-Port MIMO Panel Antenna

BX-AP-02-43F
380–4000 MHz | 2 × 4.3-10 Female | IP40



Electrical Specifications

Frequency range	380–4000 MHz	
Polarization	Vertical + Vertical	
Impedance	50 Ω	
Max. input power	50 W	Per port

Per-band Performance

Parameter (MHz)	380–520	698–960	1425–2700	3300–4000
Gain (dBi)	3	6	8	7.5
VSWR	≤3.0	≤2.0	≤2.0	≤2.0
PIM (IM3), 3rd order 2 × 20 W (dBc)	N/A	≤−153	≤−153	N/A
Front-to-back ratio (dB)	–	10	18	14
Horizontal beamwidth (°)	120	90	65	38
Vertical beamwidth (°)	80	65	60	36

Mechanical Specifications

Connectors	2 × 4.3-10 Female	IEC 61169-54
Dimensions (L × W × H)	393 × 317 × 80 mm	
Weight	1.5 kg	
Color	White	RAL 9003
Reflector material	Aluminum	
Radome material	ABS (UV stabilized)	
Mounting	Wall / Ceiling	

Environmental Conditions

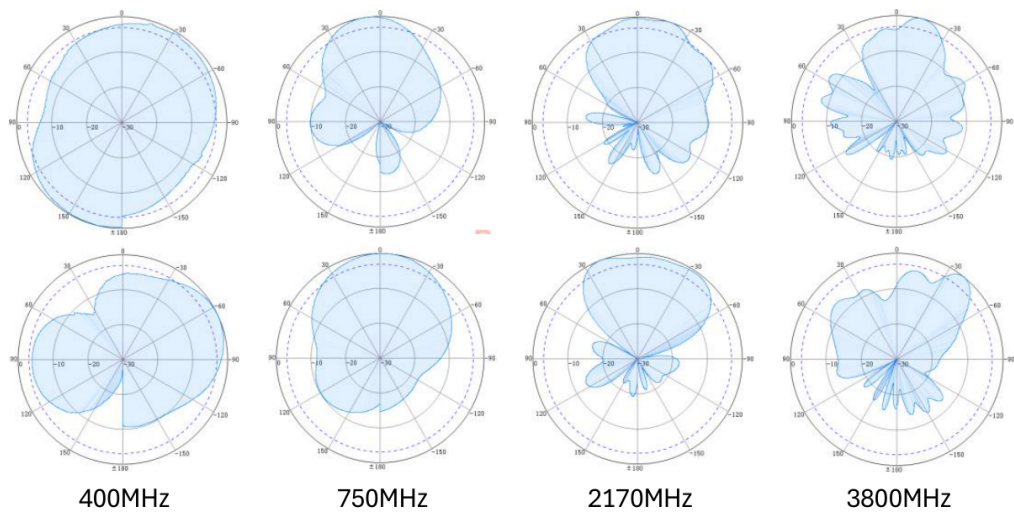
Degree of protection	IP40	Indoor
Operating temperature	−40 °C to +65 °C	

All specifications are guaranteed minimums per ST 625.10 (DAS passive components) under stated test conditions, unless otherwise noted.

Standard: 4.3-10 female (50 Ω): IEC 61169-54

modifications reserved!

Radiation Pattern



Ordering Information

Part number	Description	Connectors	Mounting
BX-AP-02-43F	2-Port MIMO Panel Antenna, 380–4000 MHz	2 × 4.3-10 Female	Wall / Ceiling

Specifications subject to change without notice. All values are guaranteed minimums unless stated otherwise. BDC products are designed, specified, and validated by Bandercom Oy — a DAS/IBS contractor with 15+ years of field experience. Contact: info@bander.com | www.bander.com