

2-Port MIMO Omni Antenna

BX-AO-02-43F

380–4000 MHz | 2 × 4.3-10 Female | IP40



Electrical Specifications

Frequency range	380–4000 MHz	
Horizontal beamwidth	360°	
Polarization	Horizontal	
Impedance	50 Ω	
Max. input power	50 W	Per port

Per-band Performance

Parameter (MHz)	380–698	698–960	1710–2700	3300–4000
Gain (dBi)	3.0	3.5	3.5	4.5
VSWR	≤2.5	≤2.0	≤1.8	≤1.8
PIM (IM3), 3rd order 2 × 20 W (dBc)	N/A	≤−153	≤−153	N/A

Mechanical Specifications

Connectors	2 × 4.3-10 Female	IEC 61169-54
Dimensions (Ø × H)	Ø355 × 14 mm	
Weight	1.0 kg	
Color	White	RAL 9003
Reflector material	RF-PCB	
Radome material	ABS (UV stabilized)	
Mounting	Ceiling	

Environmental Conditions

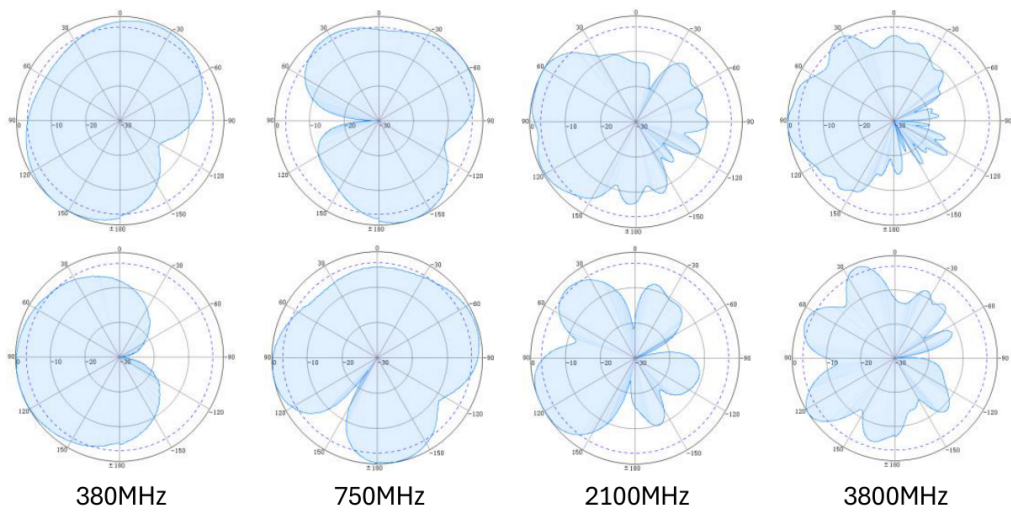
Degree of protection	IP40	Indoor
Operating temperature	−40 °C to +65 °C	

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-AO-02-43F	2-Port MIMO Omni Antenna, 380–4000 MHz	2 × 4.3-10 Female	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