

Slim Indoor Omni Antenna

BX-AO-01-43F
380–3800 MHz | 4.3-10 Female | IP40



Electrical Specifications

Frequency range	380–3800 MHz
Horizontal beamwidth	360°
Polarization	Linear Horizontal
Impedance	50 Ω
Max. input power	50 W
Lightning protection	DC Ground

Per-band Performance

Parameter (MHz)	380–520	698–960	1710–2700	3300–3800
Gain (dBi)	2.0±1	2.0±1	4.0±1	4.5±1
VSWR	≤2.0	≤2.0	≤1.8	≤1.8
PIM (IM3), 3rd order 2 × 20 W (dBc)	N/A	≤-153	≤-153	N/A
Vertical beamwidth (°)	120	85	76	58

Mechanical Specifications

Connector	4.3-10 Female	IEC 61169-54
Dimensions (Ø × H)	Ø280 × 19 mm	
Weight	0.55 kg	
Color	White	
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!

Ordering Information

Part number	Description	Connectors	Mounting
BX-AO-01-43F	Slim Indoor Omni Antenna, 380–3800 MHz	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