



Approved external antennas for Anybus Wireless Bridge II

This is a list of approved external antennas for AWB3010 according to certifications.

For each antenna, the "Approvals" field defines in which test reports the antenna is included. Definitions of the «Approvals» field are:

- FCC – The antenna is included in the FCC test reports and thus approved for use in countries that accept the FCC radio approvals, primarily US.
- IC – The antenna is included in the IC (Industrie Canada) test reports and thus approved for use in countries that accept the IC radio approvals, primarily Canada.
- RED – The antenna is included in the ETSI test reports and thus approved for use in countries that accept the Radio Equipment Directive, primarily the European countries.
- MIC – The antenna is included in the Japanese government affiliated MIC test reports and thus approved for use in the Japanese market.
- NCC – The antenna is included in the Taiwan NCC test reports and thus approved for use in Taiwan.
- KCC – The antenna is included in the Korea KCC test reports and thus approved for use in Korea.
- ANATEL – The antenna is included in the Brazil Anatel test reports and thus approved for use in Brazil.
- ICASA – The antenna is included in the South Africa ICASA test reports and thus approved for use in South Africa.

1 Ex-IT 2400 RP-SMA 70-002

Manufacturer	ProAnt
Polarization	Vertical
Gain	+3.0 dBi
Impedance	50 Ω
Size	Ø 10 x 83 mm
Type	Monopole, single band 2,4 GHz
Connector	Reverse Polarity SMA plug (inner thread and pin receptacle)
Comment	To be mounted on the U.FL to Reverse Polarity SMA adapter cable (cB-ACC-38). An SMA version antenna is also available but not recommended for use (Ex-IT 2400 SMA 70-002).
Approval	FCC, IC, RED, MIC, NCC, KCC*, ANATEL, and ICASA





2 Ex-IT 2400 RP-SMA 28-001

Manufacturer	ProAnt
Polarization	Vertical
Gain	+3.0 dBi
Impedance	50 Ω
Size	\varnothing 12.0 x 28.0 mm
Type	Monopole, single band 2,4 GHz
Connector	Reverse Polarity SMA plug (inner thread and pin receptacle). To be mounted on the U.FL to Reverse Polarity SMA adapter cable. use (Ex-IT 2400 SMA 28-001).
Approval	FCC, IC, RED, MIC, NCC, KCC*, ANATEL, and ICASA



3 FlatWhip-2400

Manufacturer	ProAnt
Gain	+3.0 dBi
Impedance	50 Ω
Size	\varnothing 50.0 x 30.0 mm
Type	Monopole, single band 2,4 GHz
Connector	SMA plug (inner thread and pin)
Comment	To be mounted on the U.FL to SMA adapter cable.
Approval	RED, MIC, NCC, KCC*, ANATEL, and ICASA



4 Ex-IT WLAN RPSMA / Ex-IT WLAN SMA

This antenna is delivered with the Anybus Wireless Bridge II product.

Manufacturer	ProAnt
Type	$\frac{1}{2}$ wave dipole dual-band antenna 2,4 and 5 GHz
Polarization	Vertical
Gain	+3 dBi
Impedance	50 Ω
Size	107 mm (Straight)
Type	Monopole
Connector	Reverse Polarity SMA plug (inner thread and pin receptacle) SMA plug (inner thread and pin)
Comment	To be mounted on the U.FL to SMA or reverse polarity SMA adapter cable.
Approval	FCC, IC, RED, MIC, NCC, KCC*, ANATEL, and ICASA

