

ARC VLPA™ Wedge GPS/Cellular Combo Antenna Part Number: ARC-WAXXXB01



- ◆ High gain, low cost, patented circuit design
- ◆ Low profile, 'wedge' design excellent for many different covert vehicular installations
- ◆ Rugged design, with high temperature UV resistant plastic
- ◆ US Engineered
- ◆ Manufactured under strict US quality control procedures
- ◆ Different connector options and cable lengths available

GPS Electrical Specifications	
Frequency Range	1575.42 MHz ±2 MHz
Gain Patch Antenna @ Zenith LNA	5 dBi typ. 27 dBi typ.
Polarization	RHCP
Axial Ratio	1 dB typ.
VSWR	2.0:1 max.
Impedance	50 ohms
LNA Noise Figure	1.5 dB
LNA Supply Voltage	3.3 V ±0.6 V or 5 V ±1 V
LNA Current Consumption	9 mA typ., 12 mA max.
Standard Cable Type	8, 10, or 15 ft low loss cable
Standard Connectors	SMA, SMB, FAKRA C

AMPS/GSM/GPRS/DCS/UMTS Electrical Specifications	
Frequency Range	806-960 MHz & 1710-2170 MHz
Gain 806-960 MHz 1710-2170 MHz	Unity typ. 2 dBi typ.
Polarization	Linear
VSWR	1.5:1 typ., 2.5:1 max.
Impedance	50 ohms
Power Rating	10 Watts
Standard Cable Type	8, 10, or 15 ft low loss cable
Standard Connectors	SMA, SMC, FME, TNC, FAKRA D

Mechanical & Environmental Specifications	
Length x Width x Height	4.50in x 1.4in x .63in (11.4cm x 3.6cm x 1.6cm)
Housing Material	UV Stabilized ABS Plastic
Operating Temperature Range	-49°F to +158°F (-45°C to +70°C)
Mounting Interface	Double sided adhesive tape
Packaging	50 units/box MOQ/26 lb (11.6kg) 12x12x12 in (30.5x30.5x30.5 cm)

Ordering Information	
Part #	Description
ARC-CV1010B01	Wedge GPS/Cellular Combo, 10ft SWI-100, GPS-SMA Plug/GSM-FME Jack, left cable exit
ARC-WA0803B02	Wedge GPS/Cellular Combo, 8ft RG174, GPS-FAKRA Code C/GSM-FAKRA Code D, right cable exit, Tape Loose
ARC-WA0803B03	Wedge GPS/Cellular Combo, 8ft RG174, GPS-FAKRA Code C/GSM-FAKRA Code D, right cable exit, Large Tape
ARC-WA0803B50	Wedge GPS/Cellular Combo, 8ft RG174, GPS-FAKRA Code C/GSM-FAKRA Code D, right cable exit, Tape Adhered
ARC-WA0808B01	Wedge GPS/Cellular Combo, 8ft RG174, GPS-SMB Plug/GSM-SMA Plug, right cable exit
ARC-WA0813B01	Wedge GPS/Cellular Combo, 8ft RG174, GPS-SMA Plug/GSM-SMC Plug, right cable exit
ARC-WA1503B01	Wedge GPS/Cellular Combo, 15ft SWI-100, GPS-FAKRA Code C/GSM-FAKRA Code D, left cable exit
ARC-WA1506B01	Wedge GPS/Cellular Combo, 15ft SWI-100, GPS-SMA Plug/GSM-TNC Plug, right cable exit

NOTE: These products are considered "Special Order" with a 10-week lead time. Reduced lead times are available. Contact ARC for details.

www.antennas.com

Specifications subject to change without notice
See www.antennas.com for warranty information

Don't see what you need? Contact us to discuss alternate configurations.