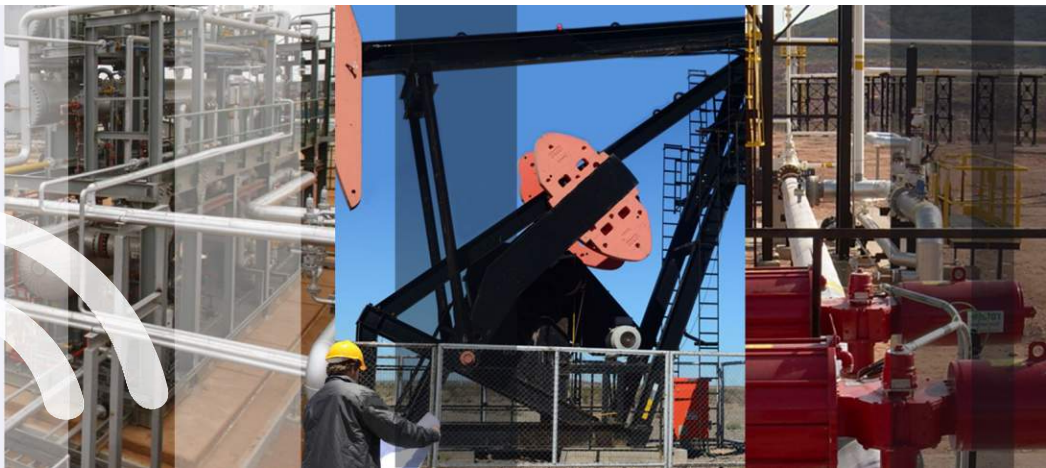
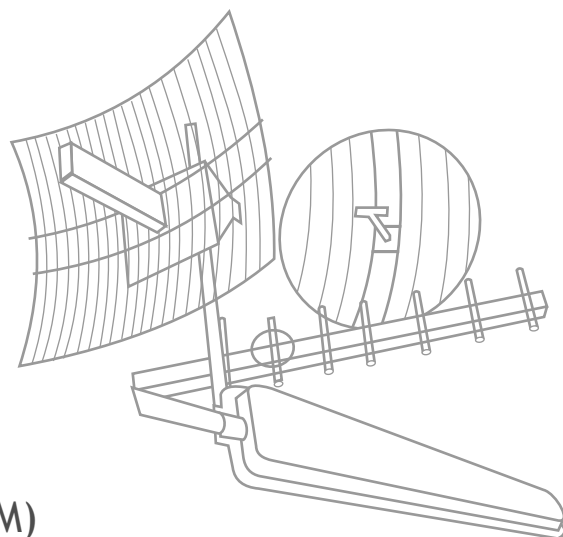




Antennas



- 2.4 GHz (ZigBee and Wi-Fi)
- 900 MHz (Radios)
- 850/900/1800/1900 MHz (Cellular GSM)

Contact

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- Argentine Business, founded in 1998
- Certification ISO9001:2008 (Quality)
- Certification of Products UL 60950 (Electrical Safety)
- Certification of Products CE (European Community suitable)
- Global Product Exportation
- Own Designs and Know How

ISO 9001:2008
Certification



UL 60950
Products Certification



SOFTWARE PROMOTION LAW
Company Approved



2.4 GHz (ZigBee and Wi-Fi)

Omnidirectional

Code	Gain	Polarization	Horizontal Angle	Vertical Angle
OM-2.4GHz-8dBi	8 dBi	Vertical	360°	18.2°
OM-2.4GHz-12dBi	12 dBi	Vertical	360°	7.2°
OM-2.4GHz-15dBi	15 dBi	Vertical	360°	3.6°



Yagis

Code	Elements	Gain	Polarization	Horizontal Angle	Vertical Angle
YG-2.4GHz-3-8.5dBi	3	8.5 dBi	Vertical	85°	69°
YG-2.4GHz-7-12dBi	7	12 dBi	Vertical	75°	35°
YG-2.4GHz-14-15dBi	14	15 dBi	Vertical	57°	23°



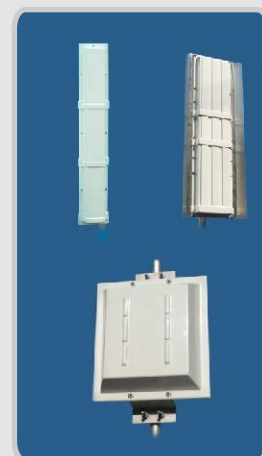
Parabolic

Code	Gain	Polarization	Horizontal Angle	Vertical Angle
PB-2.4GHz-21dBi	21 dBi	V/H	18.1°	18.1°
PB-2.4GHz-23dBi	23 dBi	Vertical	14.5°	14.5°
PB-2.4GHz-24dBi	24 dBi	V/H	12.8°	12.8°
PB-2.4GHz-27dBi	27 dBi	V/H	9.1°	9.1°
PB-2.4GHz-30dBi	30 dBi	V/H	6.4°	6.4°



Sector Panel

Code	Gain	Polarization	Horizontal Angle	Vertical Angle
<u>Without Reflector</u>				
PS-2.4GHz-6.5dBi	6.5 dBi	Vertical	120°	77°
PS-2.4GHz-12dBi	12 dBi	Vertical	120°	21.7°
PS-2.4GHz-14dBi	14 dBi	Vertical	90°	18.2°
PS-2.4GHz-17dBi	17 dBi	Vertical	90°	9.1°
<u>With Reflector</u>				
PS-2.4GHz-12dBi-R	12 dBi	Vertical	120°	21.7°
PS-2.4GHz-14dBi-R	14 dBi	Vertical	90°	18.2°
PS-2.4GHz-17dBi-R	17 dBi	Vertical	90°	9.1°
PS-2.4GHz-19dBi-R	19 dBi	Vertical	60°	8.7°



Indoor Domes

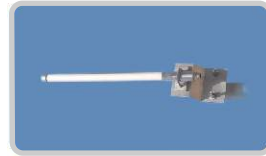
Code	Gain	Polarization	Azimuth	Elevation
DM-2.4GHz-4dBic	4 dBic	Circular	150°	150°
DM-2.4GHz-2x4dBic	2x4 dBic	Circular	150°	150°



900 MHz (Radios)

Omnidirectional

Code	Gain	Polarization	Horizontal Angle	Vertical Angle
OM-900MHz-2.15dBi	2.15 dBi	Vertical	360°	75°
OM-900MHz-8.5dBi	8.5 dBi	Vertical	360°	24°



Yagis

Code	Elements	Ganancia	Polarización	Horizontal Angle	Vertical Angle
YS-900MHz-3-8dBi	3	8 dBi	V/H	65°	90°
YS-900MHz-5-9.5dBi	5	9.5 dBi	V/H	57°	85°
YS-900MHz-7-12dBi	7	12 dBi	V/H	57°	45°
YS-900MHz-10-13dBi	10	13 dBi	V/H	51°	50°
YS-900MHz-14-15dBi	14	15 dBi	V/H	45°	35°



Parabolic

Code	Gain	Polarization	Horizontal Angle	Vertical Angle
PB-900MHz-15dBi	15 dBi	V/H	29°	32°
PB-900MHz-17dBi	17 dBi	V/H	25°	25°
PB-900MHz-20.8dBi	20.8 dBi	V/H	16°	16°



850/900/1800/1900 MHz (Cellular GSM)

Omnidirectional

Code	Band	Gain	Polarization	Horizontal Angle	Vertical Angle
OM-850MHz-4.5dBi	GSM 850	4.5 dBi	Vertical	360°	24°
OM-900MHz-4.5dBi	GSM 900	4.5 dBi	Vertical	360°	24°
OM-850MHz-5.15dBi	GSM 850	5.15 dBi	Vertical	360°	36°
OM-900MHz-5.15dBi	GSM 900	5.15 dBi	Vertical	360°	36°
OM-1800MHz-11dBi	GSM 1800	11 dBi	Vertical	360°	34°
OM-1900MHz-11dBi	GSM 1900	11 dBi	Vertical	360°	34°



Yagis

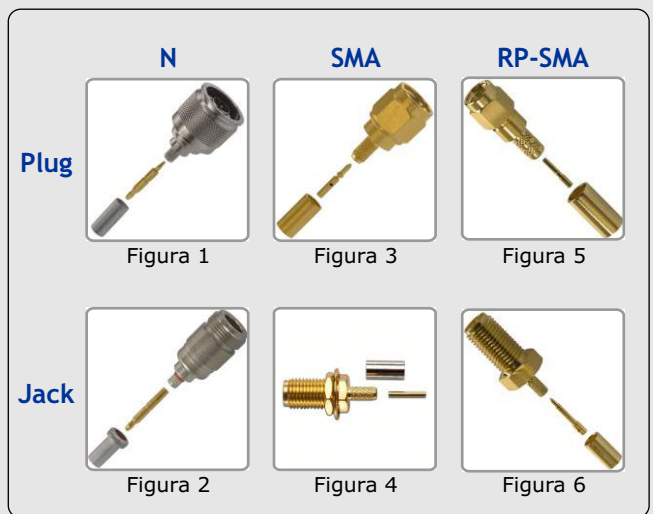
Code	Band	Elem.	Gain	Polarization	Horizontal Angle	Vertical Angle
YG-850MHz-3-8.15dBi	GSM 850	3	8.15 dBi	Vertical	60°	100°
YG-900MHz-3-8.15dBi	GSM 900	3	8.15 dBi	Vertical	60°	100°
YG-850MHz-6-10.2dBi	GSM 850	6	10.2 dBi	Vertical	40°	45°
YG-900MHz-6-10.2dBi	GSM 900	6	10.2 dBi	Vertical	40°	45°
YG-850MHz-9-12.5dBi	GSM 850	9	12.5 dBi	Vertical	35°	40°
YG-850MHz-14-15.1dBi	GSM 850	14	15.1 dBi	Vertical	34°	25°
YG-900MHz-9-12.5dBi	GSM 900	9	12.5 dBi	Vertical	35°	40°
YG-1800MHz-9-11dBi	GSM1800	9	11 dBi	Vertical		
YG-1800MHz-11-13.5dBi	GSM1800	11	13.5 dBi	Vertical	40°	40°
YG-1800MHz-15-17dBi	GSM1800	15	17 dBi	Vertical	28°	27°
YG-1900MHz-9-11dBi	GSM1900	9	11 dBi	Vertical		
YG-1900MHz-12-14dBi	GSM1900	12	14 dBi	Vertical		
YG-1900MHz-15-17dBi	GSM1900	15	17 dBi	Vertical		



Accessories

Conectors for Coaxial Cables

Code	Model	Screw type	Pin Polarity	Suitable for	Figure
CON6-NM	N	Plug	Male	RG316	1
CON6-NH	N	Jack	Female	RG316	2
CON6-SAM	SMA	Plug	Male	RG316	3
CON6-SAH	SMA	Jack	Female	RG316	4
CON6-SRH	RP-SMA	Plug	Female	RG316	5
CON6-SRM	RP-SMA	Jack	Male	RG316	6
CON8-NM	N	Plug	Male	RG58C/U	1
CON8-NH	N	Jack	Female	RG58C/U	2
CON8-SAM	SMA	Plug	Male	RG58C/U	3
CON8-SAH	SMA	Jack	Female	RG58C/U	4
CON8-SRH	RP-SMA	Plug	Female	RG58C/U	5
CON8-SRM	RP-SMA	Jack	Male	RG58C/U	6



Coaxial Cables

Ordering Code	Model	Impedance	Dielectric	Gauge	Lost at 2.4GHz	Figure
CAB-316	RG-316	50 ohm	PTFE	26AWG	1.35 dB/m	7
CAB-058	RG-58C/U	50 ohm	PE	20AWG	1.40 dB/m	8



Figure 7



Figure 8