

PD-5800-15-60-DP
PD-5800-15-60-DP-STS
PD-5800-15-60-DP-STN



SECTOR SHIELD

Point to multipoint

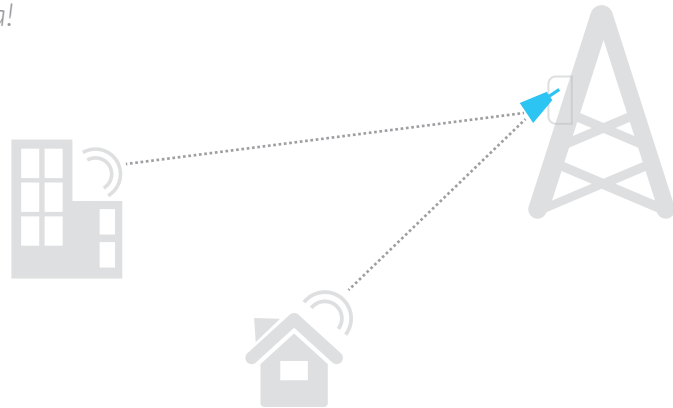
5,250 - 5,875 GHz

- Double coverage with the same gain of conventional panels
- Excellent bandwidth
- High isolation of rear noise

APPLICATION

Sector Shield Antenna were designed to offer a bigger opening angle in the vertical plan, making possible maximum covered area and increase of costumers attended. The ALGcom products are developed with high technology to help you to solve your communication needs.

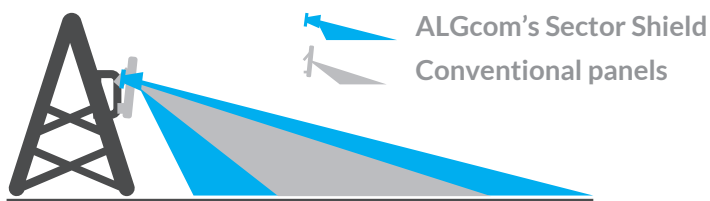
Below are the ALGcom Sector Shield Antenna!



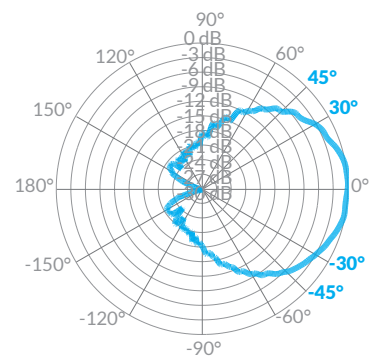
EXCELLENT BANDWIDTH

Sector Shield Antenna have an excellent bandwidth (5,250 - 5,875 Ghz), giving more flexibility to the radio settings in point-to-point links.

BETTER SIGNAL COVERAGE



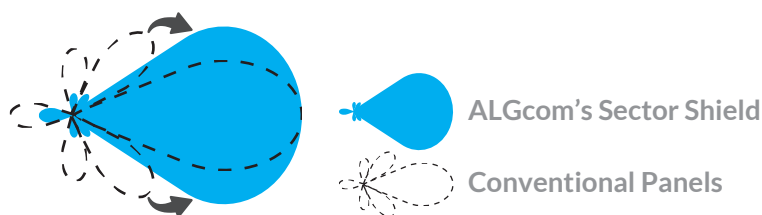
HORIZONTAL APERTURE 60° (-3 dB) and 90° (-6 dB)



ALTA ISOLAÇÃO DE RUÍDO TRASEIRO

ALGcom's Sector Shield have excellent shielding through the reduction of secondary lobes and high insulation of rear noise.

SECONDARY LOBBES THAT GENERATE INTERFERENCE



ELECTRICAL SPECIFICATIONS

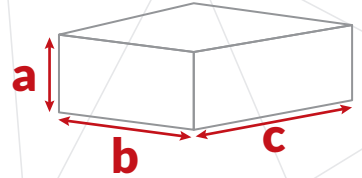
	PD-5800-15-60-DP	PD-5800-15-60-DP-ST5	PD-5800-15-60-DP-STN
Frequency range	5,250 to 5,875 GHz		
Gain	15 dBi	15 dBi	15 dBi
Antenna input	SMA Female Reverse	SMA Female Reverse	N Female
Front-to-back ratio	30 dB	30 dB	30 dB
Angle H	60°	60°	60°
Angle V	18°	18°	18°
Polarization	Double (V and H)	Double (V and H)	Double (V and H)

MECHANICAL SPECIFICATIONS

	PD-5800-15-60-DP	PD-5800-15-60-DP-ST5	PD-5800-15-60-DP-STN
Approximate weight	2,16 kg	1,00 kg	1,00 kg
Mounting pipe diameter	Ø1" to Ø2"	Ø1" to Ø2"	Ø1" to Ø2"
Survival windspeed	200 km/h	200 km/h	200 km/h
Wind area	0,052 m ²	0,052 m ²	0,052 m ²

PACKING

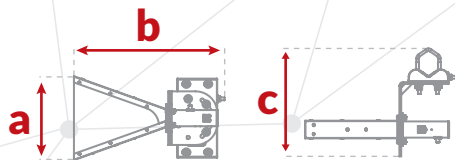
	PD-5800-15-60-DP	PD-5800-15-60-DP-ST5	PD-5800-15-60-DP-STN
Weight	0,25 kg	0,25 kg	0,25 kg
Material	Cardboard	Cardboard	Cardboard
a	254 mm	120 mm	120 mm
b	145 mm	415 mm	415 mm
c	270 mm	257 mm	257 mm



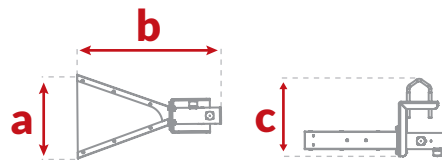
DIMENSIONS

	PD-5800-15-60-DP	PD-5800-15-60-DP-ST5	PD-5800-15-60-DP-STN
a	226,54 mm	226,54 mm	226,54 mm
b	413,41 mm	393,81 mm	393,81 mm
c	295,90 mm	212,67 mm	212,67 mm
Ø	1" to 2"	1" to 2"	1" to 2"

PD-5800-15-60-DP



PD-5800-15-60-DP-ST5
PD-5800-15-60-DP-STN



ALG com

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