

Pro Range Antennas

The SilverNet range of outdoor antennas operate in the 4.9-7.1GHz bands. They are fully compatible and work seamlessly with SilverNet's outdoor BASE radios.



	Dish Antenna		Grid Antenna		Sector Antenna	Omni Antenna
	DAN5829	DAN5832	GAN5824	GAN5836	SAN5819-120	OAN5812
Frequency	4.9-7.1GHz	4.9-7.1GHz	4.9-7.1GHz	4.9-7.1GHz	4.9-5.8GHz	4.9-5.8GHz
Gain	30dBi	32dBi	24dBi	36dBi	19dBi	13dBi
Horizontal Beamwidth	5°	3.5°	9°	3°	120°	360°
Vertical Beamwidth	5°	3.5°	9°	3°	4°	7°
Max VSWR	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
F/B Ratio	>35dB	>40dB	>30dB	>35dB	>20dB	N/A
Wind Loading	125 mph	125 mph	150 mph	150 mph	150 mph	150 mph
Polarisation	Dual Polarisation	Dual Polarisation	Dual Polarisation	Dual Polarisation	Dual Polarisation	Dual Polarisation
Connectors	2*N-type Female	2*N-type Female	2*N-type Female	2*N-type Female	2*N-type Female	2*N-type Female
Dimensions (mm)	ø600	ø900	ø400	ø1200	700*140*50	Ø70*800
Weight (kg)	6.5	8.5	2.0	10.0	3.0	3.0
Certification	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS	CE, RoHS

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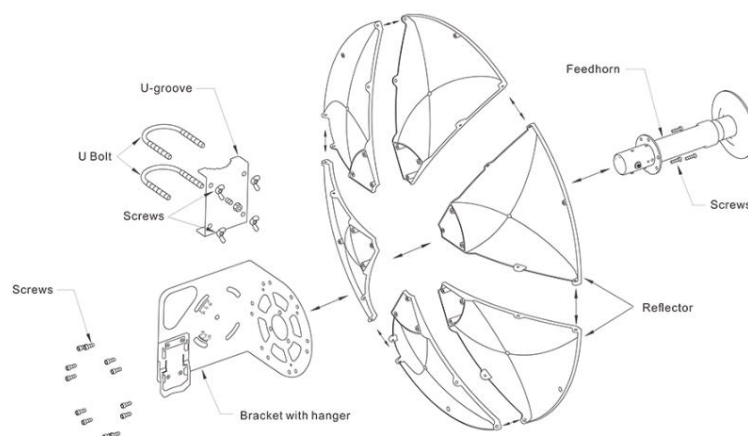


Distributed By:

SIL DAN 5829



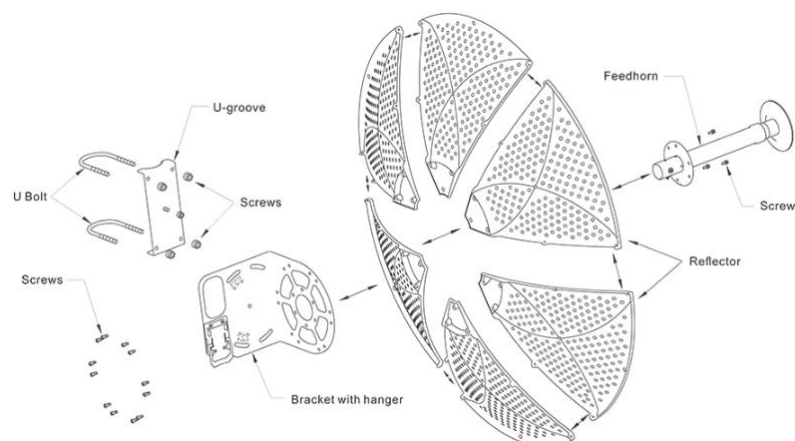
Electrical			
Model	SIL DAN 5829		
Frequency Range	4.95-5.1GHz	5.1-5.9GHz	5.9-7.125GHz
Gain	29dBi	30dBi	31dBi
VSWR	<2.5	<2.0	<2.0
Polarization	Dual Slant (V/H or $\pm 45^\circ$)		
Isolation	>30dB		
Front to Back Ratio	>35dB		
Horizontal Beam width	5°		
Vertical Beam width	5°		
Maximum Power Per Port	50W		
Impedance	50Ω		
Lighting protection	DC Ground		
Mechanical			
Connector	2*RPSMA or 2*N Female		
Antenna Size	φ0.6m		
Antenna Weight	6.5kg		
Antenna color	white		
Dish material	aluminium		
Diameter of the Pole	Φ30 to φ80mm		
Operational Temperature	-40°C to +70°C (-32°F to +158°F)		



SIL DAN 5832



Electrical			
Model	SIL DAN 5832		
Frequency Range	4.95-5.1GHz	5.1-5.9GHz	5.9-7.125GHz
Gain	31.5dBi	32.5dBi	34dBi
VSWR	<2.5	<2.0	<2.0
Polarization	Dual Slant (V/H or $\pm 45^\circ$)		
Isolation	>30dB		
Front to Back Ratio	>40dB		
Horizontal Beam width	3.5°		
Vertical Beam width	3.5°		
Maximum Power Per Port	50W		
Impedance	50Ω		
Lighting protection	DC Ground		
Mechanical			
Connector	2*RPSMA or 2*N Female		
Antenna Size	φ0.9m		
Antenna Weight	8.5kg		
Antenna color	white		
Dish material	aluminium		
Diameter of the Pole	Φ30 to φ80mm		
Operational Temperature	-40°C to +70°C (-32°F to +158°F)		



SIL GAN 5824



Electrical			
Model	SIL GAN 5824		
Frequency Range	4.95-5.1GHz	5.1-5.9GHz	5.9-7.125GHz
Gain	24dBi	24.5dBi	25dBi
VSWR	<2.5	<2.0	<2.0
Polarization	Dual Slant (V/H or $\pm 45^\circ$)		
Isolation	>30dB		
Front to Back Ratio	>30dB		
Horizontal Beam width	9°		
Vertical Beam width	9°		
Maximum Power Per Port	50W		
Impedance	50Ω		
Lighting protection	DC Ground		
Mechanical			
Connector	2*RPSMA or 2*N Female		
Antenna Size	φ0.4m		
Antenna Weight	2kg		
Antenna color	white		
Dish material	aluminium		
Diameter of the Pole	Φ30 to φ80mm		
Operational Temperature	-40°C to +70°C (-32°F to +158°F)		

SIL GAN 5836



Electrical			
Model	SIL GAN 5836		
Frequency Range	4.95-5.1GHz	5.1-5.9GHz	5.9-7.125GHz
Gain	35dBi	36dBi	36.5dBi
VSWR	<2.5	<2.0	<2.0
Polarization	Dual Slant (V/H or $\pm 45^\circ$)		
Isolation	>30dB		
Front to Back Ratio	>35dB		
Horizontal Beam width	3°		
Vertical Beam width	3°		
Maximum Power Per Port	50W		
Impedance	50Ω		
Lighting protection	DC Ground		
Mechanical			
Connector	2*RPSMA or 2*N Female		
Antenna Size	Φ1.2m		
Antenna Weight	10kg		
Antenna color	white		
Dish material	aluminium		
Diameter of the Pole	Φ30 to Φ80mm		
Operational Temperature	-40°C to +70°C (-32°F to +158°F)		

SIL SAN 5819-120



Electrical	
Model	SIL SAN 5819-120
Frequency Range	4.9-5.8GHz
Gain	19dBi
VSWR	<2.0
Polarization	Vertical & Horizontal
Isolation	>25dB
Front to Back Ratio	>20dB
Horizontal Beam width	120°
Vertical Beam width	4°
Maximum Power Per Port	100W
Impedance	50Ω
Lighting protection	DC Ground
Mechanical	
Connector	2*RPSMA or 2*N Female
Antenna Size	700x140x50 mm
Antenna Weight	3kg
Antenna color	white
Material	aluminium
Diameter of the Pole	Φ30 to Φ70mm
Operational Temperature	-40°C to +70°C (-32°F to +158°F)

SIL OAN 5812



Electrical	
Model	SIL OAN 5812
Frequency Range	4.95-5.8GHz
Gain	13dBi
VSWR	<2.0
Polarization	Dual Slant (V/H)
Isolation	>25dB
Horizontal Beam width	360°
Vertical Beam width	7°
Maximum Power Per Port	50W
Impedance	50Ω
Lighting protection	DC Ground
Mechanical	
Connector	2*RPSMA or 2*N Female
Antenna Size	Φ7*80cm
Antenna Weight	3kg
Antenna color	white
Bracket material	aluminium
Diameter of the Pole	Φ30 to Φ70mm
Operational Temperature	-40°C to +70°C (-32°F to +158°F)