SEC35/50DP



Key Features:

- Sectorial Gain
- Dual Band & Dual Polarization
- 3.65GHz & 5GHz Dual H&V in One Case
- Special Outdoor Weatherproof Enclosure
- Highest Ingress Protection IP 67
- High Quality Construction
- Heavy-Duty Mounting Elements
- Easy Elevation and Tilt Adjustment
- 5 Years Warranty
- Designed for All Weather Operation

Applications:

- MIMO
- 3.65 GHz Band Wireless LAN
- 5 GHz Band Wireless LAN
- WIMAX
- IEEE 802.11a/b/g/n WLAN Systems
- Point to Multipoint Applications

Description:

Sector antenna enclosure working in 3.6 GHz and 5 GHz band. Dual band and dual polarization in one case. Two of them in 3.65GHz and two in 5GHz. Antennas are in vertical and horizontal polarization. It is the ideal solution for MIMO configuration. Perfectly designed for operation under severe weather conditions. A proper materials allow operation in the salt water environment without corrosion. Professional mounting system guarantees easy and smooth tilt down as well as rock-stable operation.

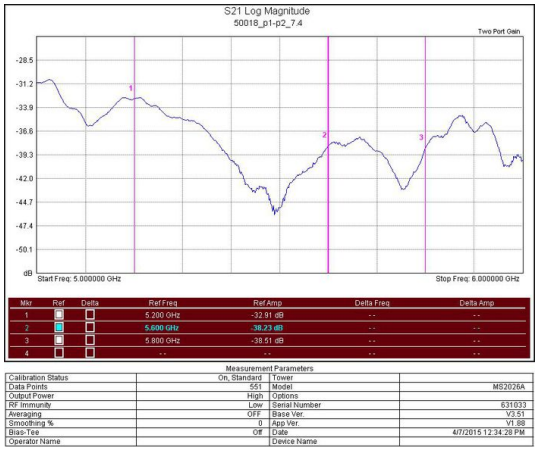
The sector antenna can be furnished with an adapter dedicated for:

- **Cambium ePMP100, PMP450 or Ubnt Rocket M5**

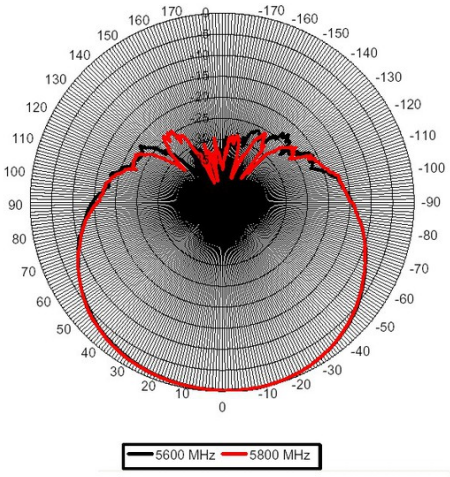
IT ELITE ul. Szybowcowa 36/21 54-130 Wroclaw Poland
tel: (+48) 71 347 60 31, (+48) 71 323 01 80, fax: (+48) 71 323 01 81, e-mail: sales@itelite.net , www: http://www.itelite.net/

Electrical Properties	
Frequency	3.65 & 5 GHz
Gain	2x16dBi at 3.65GHz & 2x18dBi at
Polarization	Dual H&V at 3.65GHz and Dual H&V at 5GHz
Beamwidth deg horizontal	90°(-3dB), 120°(-6dB)
Beamwidth deg vertical	10° at 3.65GHz & 6° at 5GHz
Impedance	50 ohm
Front to back ratio	>28dB
Port Isolation	>32dB
Enclosure Properties	
Technology:	Microstrip
Material:	UV protected
Colour:	White
Ingress Protection (EN 60529):	IP 67
Windload	190N (@160km/h)
Min temperature:	-40
Max temperature:	80
Mechanical Properties	
Input Connector	4xN-type / female
Outside Dimensions	580x260x50 mm
Weight	4kg

Specification subject to change without notice.

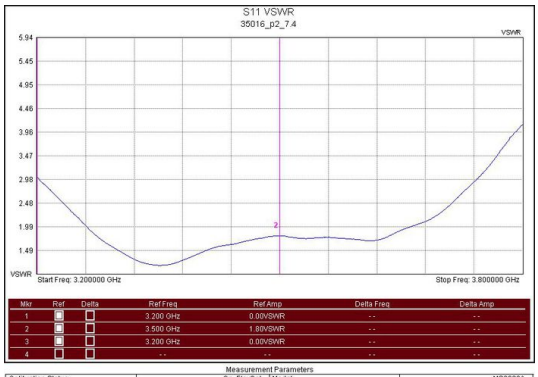


port to port isolation



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H-plane

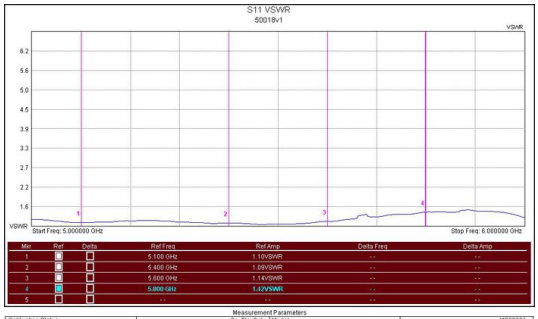


Mkr	Ref.	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1			3.200 GHz	0.00VSWR	--	--
2			3.500 GHz	1.92VSWR	--	--
3			3.200 GHz	0.00VSWR	--	--
4			--	--	--	--

Measurement Parameters

Calibration Status	On, FlexCal	Model	MS2026A
Data Points	551	Options	
Output Power	High	Serial Number	631033
RF Immunity	Low	Base Ver.	V3.51
Averaging	OFF	App Ver.	V1.88
Smoothing %	0	Date	4/7/2015 12:20:09 PM
Operator Name		Device Name	
Tower			

VSWR 3.5GHz



Mkr	Ref.	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1			5.100 GHz	1.10VSWR	--	--
2			5.400 GHz	1.09VSWR	--	--
3			5.600 GHz	1.14VSWR	--	--
4			5.800 GHz	1.42VSWR	--	--
5			--	--	--	--

Measurement Parameters

Calibration Status	On, FlexCal	Model	MS2026A
Data Points	551	Options	
Output Power	High	Serial Number	631033
RF Immunity	Low	Base Ver.	V3.51
Averaging	OFF	App Ver.	V1.88
Smoothing %	0	Date	5/16/2013 2:20:08 PM
Operator Name		Device Name	
Tower			