

Секторная антенна PheeNet ANT24-012SN-D



2.3~2.7GHz

12dBi

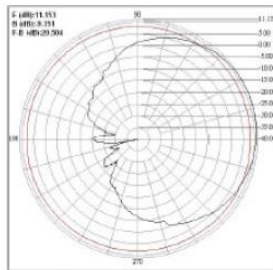
Sector

2xN type connectors(female)

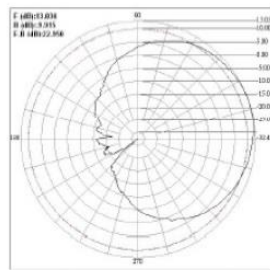
PheeNet ANT24-012SN-D - секторная антенна с двойной поляризацией и коэффициентом усиления 12dBi. Антенна ANT24-012SN-D совместима со всеми точками доступа 2T2R MIMO, работающими в диапазоне частот 2.4GHz, имеет два N-type коннектора (female) и универсальный комплект крепления.

+ 45° Polarization :

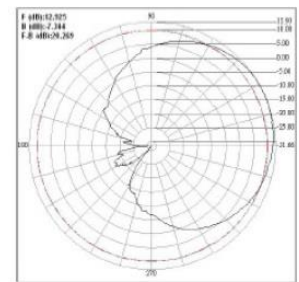
H-PLANE



Center freq.(MHz):2400	Plane :H Plane	
Max gain(dBi) :11.15	Min gain(dBi) :-40.00	Avg gain(dBi) :5.50
-3dB1(°) :57.30	-3dB2(°) :-24.90	HPB(°) :82.20
Front (dB) :11.153	Back (dB) :-9.351	F B Ratio (dB) :20.504



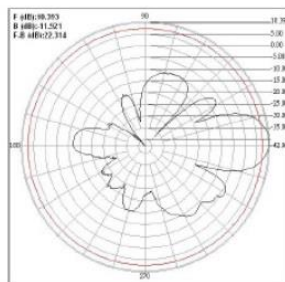
Center freq.(MHz):2450	Plane :H Plane	
Max gain(dBi) :13.03	Min gain(dBi) :-32.45	Avg gain(dBi) :7.18
-3dB1(°) :59.40	-3dB2(°) :-21.80	HPB(°) :81.20
Front (dB) :13.034	Back (dB) :-9.915	F B Ratio (dB) :22.950



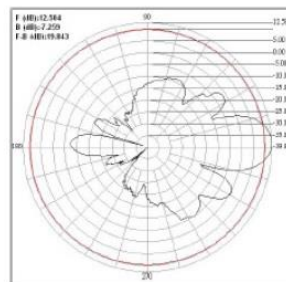
Center freq.(MHz):2500	Plane :H Plane	
Max gain(dBi) :12.93	Min gain(dBi) :-31.66	Avg gain(dBi) :7.23
-3dB1(°) :61.90	-3dB2(°) :-21.70	HPB(°) :83.60
Front (dB) :12.925	Back (dB) :-7.344	F B Ratio (dB) :20.269

+ 45° Polarization :

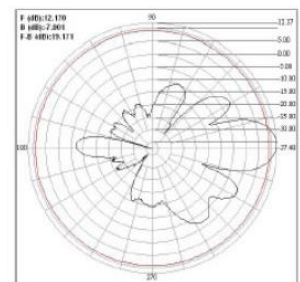
E-PLANE



Center freq.(MHz):2400	Plane :E Plane	
Max gain(dBi) :10.39	Min gain(dBi) :-42.96	Avg gain(dBi) :0.11
-3dB1(°) :12.20	-3dB2(°) :-7.90	HPB(°) :20.10
Front (dB) :10.393	Back (dB) :-11.921	F B Ratio (dB) :22.314



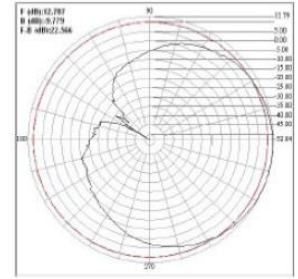
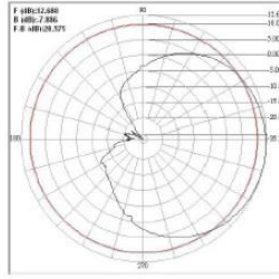
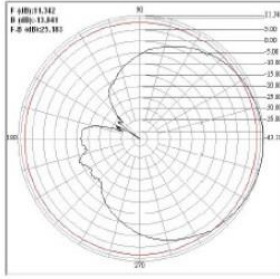
Center freq.(MHz):2450	Plane :E Plane	
Max gain(dBi) :12.58	Min gain(dBi) :-39.86	Avg gain(dBi) :2.30
-3dB1(°) :12.50	-3dB2(°) :-7.40	HPB(°) :19.90
Front (dB) :12.584	Back (dB) :-7.259	F B Ratio (dB) :19.843



Center freq.(MHz):2500	Plane :E Plane	
Max gain(dBi) :12.17	Min gain(dBi) :-37.48	Avg gain(dBi) :1.48
-3dB1(°) :11.20	-3dB2(°) :-6.80	HPB(°) :18.00
Front (dB) :12.170	Back (dB) :-7.001	F B Ratio (dB) :19.171

- 45° Polarization:

H-PLANE



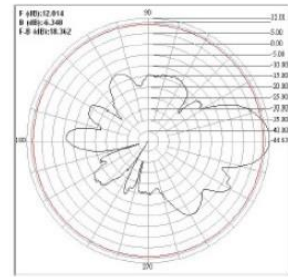
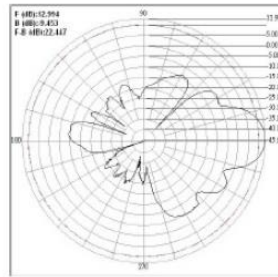
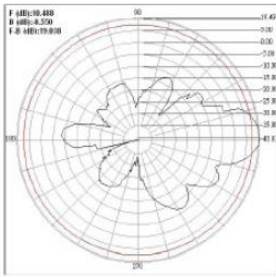
Center freq.(MHz):2400	Plane :H Plane	
Max gain(dBi) :11.34	Min gain(dBi) :-43.31	Avg gain(dBi) :5.72
-3dB1(*) :393.60	-3dB2(*) :305.60	HPB(*) :88.00
Front (dB) :11.342	Back (dB) :-13.841	F B Ratio (dB) :25.183

Center freq.(MHz):2450	Plane :H Plane	
Max gain(dBi) :12.69	Min gain(dBi) :-26.28	Avg gain(dBi) :7.23
-3dB1(*) :394.20	-3dB2(*) :305.20	HPB(*) :89.00
Front (dB) :12.688	Back (dB) :-7.886	F B Ratio (dB) :20.575

Center freq.(MHz):2500	Plane :H Plane	
Max gain(dBi) :12.79	Min gain(dBi) :-52.84	Avg gain(dBi) :7.21
-3dB1(*) :392.90	-3dB2(*) :302.80	HPB(*) :90.10
Front (dB) :12.787	Back (dB) :-9.779	F B Ratio (dB) :22.566

- 45° Polarization:

E-PLANE



Center freq.(MHz):2400	Plane :E Plane	
Max gain(dBi) :10.49	Min gain(dBi) :-40.83	Avg gain(dBi) :0.35
-3dB1(*) :12.40	-3dB2(*) :-7.40	HPB(*) :19.80
Front (dB) :10.488	Back (dB) :-8.550	F B Ratio (dB) :19.038

Center freq.(MHz):2450	Plane :E Plane	
Max gain(dBi) :12.99	Min gain(dBi) :-45.64	Avg gain(dBi) :2.83
-3dB1(*) :12.20	-3dB2(*) :-8.70	HPB(*) :20.90
Front (dB) :12.994	Back (dB) :-9.453	F B Ratio (dB) :22.447

Center freq.(MHz):2500	Plane :E Plane	
Max gain(dBi) :12.01	Min gain(dBi) :-44.63	Avg gain(dBi) :1.82
-3dB1(*) :11.40	-3dB2(*) :-7.70	HPB(*) :19.10
Front (dB) :12.014	Back (dB) :-6.348	F B Ratio (dB) :18.362

Технические характеристики PheeNet ANT24-012SN-D

Electrical Specification	
Frequency	2.4~2.5 GHz
Type	Sector
Polarization	+45°/ -45° Polarization
Gain	12 dBi / 12dBi
VSWR	≤ 2.0
Beam Width	Vertical Polarization:H-Plane 81.20° / E-Plane 19.90°
	Horizontal Polarization:H-Plane 89.00° / E-Plane 20.90°
Impedance	50Ω ± 5Ω
Connector Type	2 N-type(female)
Environmental & Mechanical Characteristics	

Temperature	-30 to 60°C
Lightning Protection	DC Ground
Material	Radome: ABS Mount: Zinc Alloy & Aluminum Alloy
Dimensions	520*130.6*70 mm
Weight	850 ± 20g (w/ mount)