

Секторная антенна PheeNet ANT24-016SN-D



2.3~2.7GHz

16dBi

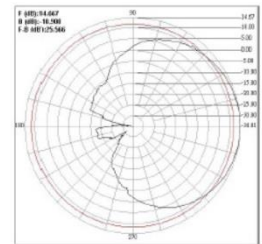
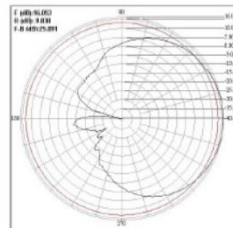
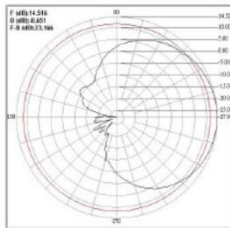
Sector

2xN type connectors(female)

PheeNet ANT24-016SN-D - секторная антенна с двойной поляризацией и высоким коэффициентом усиления 16dBi. Антенна ANT24-016SN-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



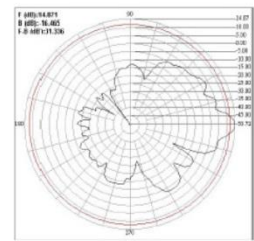
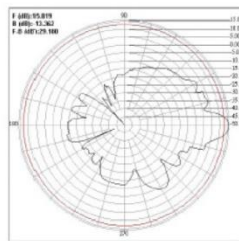
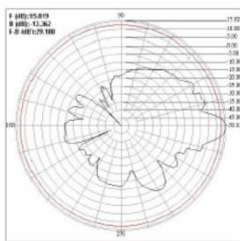
Center freq.(MHz):2400	Plane :H Plane	
Max gain(dBi) :14.52	Min gain(dBi) : -27.92	Avg gain(dBi) :8.99
-3dB1(°) :42.80	-3dB2(°) : -38.70	HPB(°) :81.50
Front (dB) :14.516	Back (dB) : -8.651	F B Ratio (dB) :23.166

Center freq.(MHz):2450	Plane :H Plane	
Max gain(dBi) :16.05	Min gain(dBi) : -40.66	Avg gain(dBi) :10.50
-3dB1(°) :401.20	-3dB2(°) :321.20	HPB(°) :80.00
Front (dB) :16.053	Back (dB) : -9.838	F B Ratio (dB) :25.891

Center freq.(MHz):2500	Plane :H Plane	
Max gain(dBi) :14.67	Min gain(dBi) : -34.81	Avg gain(dBi) :9.30
-3dB1(°) :44.60	-3dB2(°) : -41.50	HPB(°) :86.10
Front (dB) :14.667	Back (dB) : -10.900	F B Ratio (dB) :25.566

+ 45° Polarization :

E-PLANE



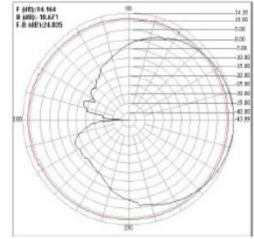
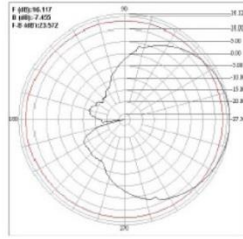
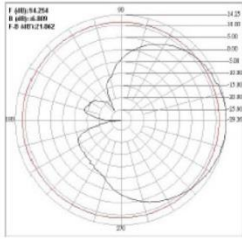
Center freq.(MHz):2400	Plane :E Plane	
Max gain(dBi) :14.42	Min gain(dBi) : -51.78	Avg gain(dBi) :3.88
-3dB1(°) :365.90	-3dB2(°) :353.60	HPB(°) :12.30
Front (dB) :14.424	Back (dB) : -16.560	F B Ratio (dB) :30.984

Center freq.(MHz):2450	Plane :E Plane	
Max gain(dBi) :15.82	Min gain(dBi) : -50.03	Avg gain(dBi) :5.34
-3dB1(°) :364.90	-3dB2(°) :353.20	HPB(°) :11.70
Front (dB) :15.819	Back (dB) : -13.362	F B Ratio (dB) :29.180

Center freq.(MHz):2500	Plane :E Plane	
Max gain(dBi) :14.87	Min gain(dBi) : -50.72	Avg gain(dBi) :4.45
-3dB1(°) :365.80	-3dB2(°) :354.30	HPB(°) :11.50
Front (dB) :14.871	Back (dB) : -16.465	F B Ratio (dB) :31.336

- 45° Polarization:

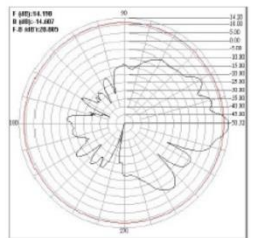
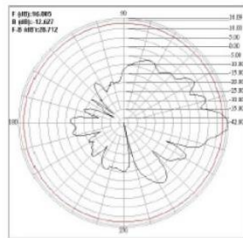
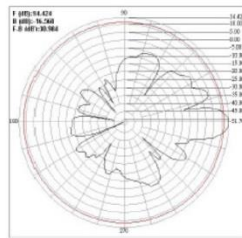
H-PLANE



Center freq. (MHz):2400	Plane :H Plane		Center freq. (MHz):2450	Plane :H Plane		Center freq. (MHz):2500	Plane :H Plane	
Max gain(dBi) :14.25	Min gain(dBi) :-29.26	Avg gain(dBi) :8.85	Max gain(dBi) :16.12	Min gain(dBi) :-27.36	Avg gain(dBi) :10.52	Max gain(dBi) :14.16	Min gain(dBi) :-43.99	Avg gain(dBi) :8.70
-3dB1(*) :39.10	-3dB2(*) :44.40	HPB(*) :83.50	-3dB1(*) :397.70	-3dB2(*) :317.50	HPB(*) :80.20	-3dB1(*) :399.10	-3dB2(*) :316.90	HPB(*) :82.20
Front (dB) :14.254	Back (dB) :-6.809	F B Ratio (dB) :21.062	Front (dB) :16.117	Back (dB) :-7.455	F B Ratio (dB) :23.572	Front (dB) :14.164	Back (dB) :-10.671	F B Ratio (dB) :24.835

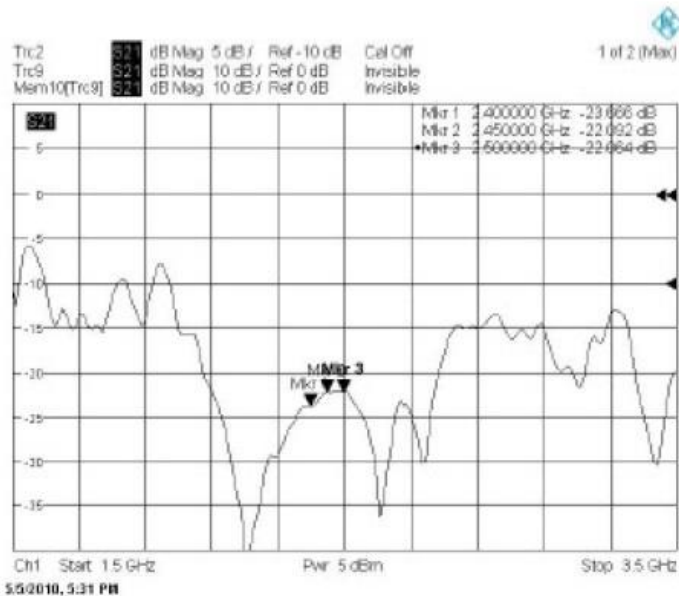
- 45° Polarization:

E-PLANE



Center freq. (MHz):2400	Plane :E Plane		Center freq. (MHz):2450	Plane :E Plane		Center freq. (MHz):2500	Plane :E Plane	
Max gain(dBi) :14.50	Min gain(dBi) :-35.04	Avg gain(dBi) :4.03	Max gain(dBi) :16.09	Min gain(dBi) :-42.60	Avg gain(dBi) :5.40	Max gain(dBi) :14.20	Min gain(dBi) :-50.32	Avg gain(dBi) :3.73
-3dB1(*) :364.60	-3dB2(*) :352.90	HPB(*) :11.70	-3dB1(*) :364.70	-3dB2(*) :353.30	HPB(*) :11.40	-3dB1(*) :4.10	-3dB2(*) :6.90	HPB(*) :11.00
Front (dB) :14.503	Back (dB) :-13.588	F B Ratio (dB) :28.092	Front (dB) :16.085	Back (dB) :-12.627	F B Ratio (dB) :28.712	Front (dB) :14.198	Back (dB) :-14.607	F B Ratio (dB) :28.805

ISOLATION



Технические характеристики PheeNet ANT24-016SN-D

Electrical Specification	
Frequency	2.4~2.5 GHz
Type	Sector
Polarization	+45° / -45° Polarization
Gain	16 dBi / 16 dBi
VSWR	≤ 2.0
Beam Width	Vertical Polarization:H-Plane 80.00° / E-Plane 11.70°
	Horizontal Polarization:H-Plane 80.20° / E-Plane 11.40°
Impedance	50Ω ± 5Ω
Connector Type	2 N-type(female)
Environmental & Mechanical Characteristics	
Temperature	-30 to 60°C
Material	Radome: ABS Mount: Zinc Alloy & Aluminum Alloy
Dimensions	782.2*130.6*70 mm
Weight	1580 ± 20g