

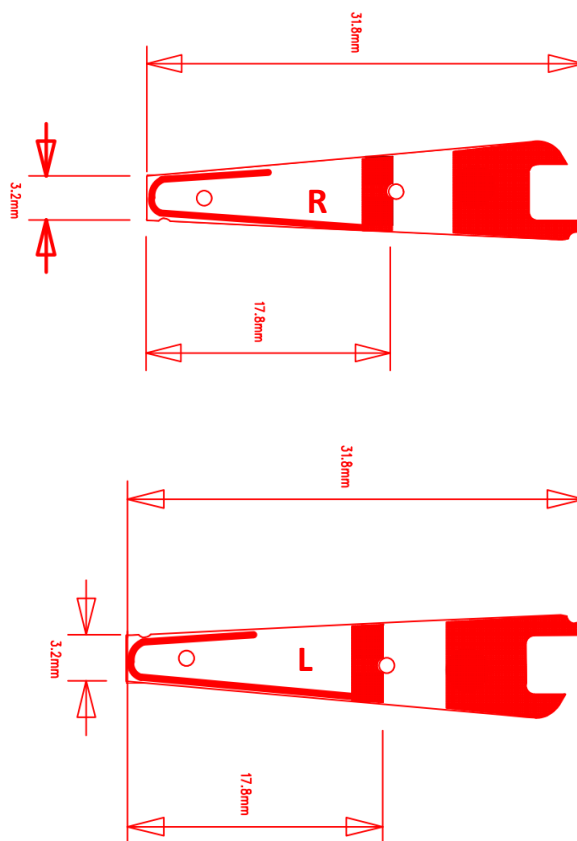
2.4GHz FPC PIFA Antenna: FPANT246000A1L SPEC

Application: WLAN, 802.11b/g, Bluetooth, etc...

Electrical Specification

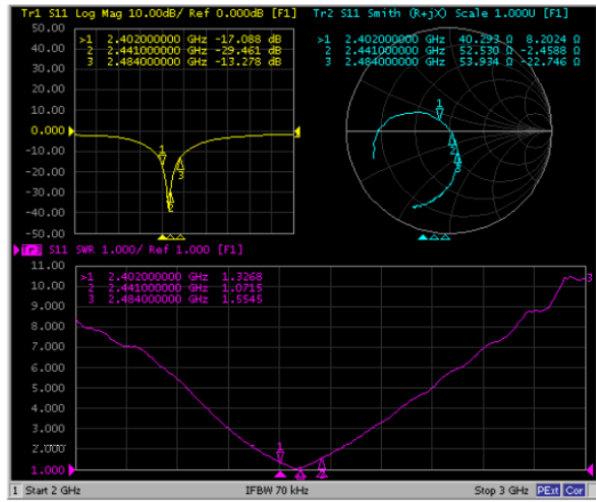
Working Frequency Range	2400 ~2484 MHz
Peak Gain	0dBi (Typ.)
Impedance	50+-5 Ohm
VSWR	1.07+-0.05(Max)
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Operation Temperature(°C)	-40~85°C

Dimension and Terminal Configuration



Dimension (mm)	
L	17.8 mm+-0.1mm
W	3.2mm+-0.1mm

Electrical Characteristics



Item	Value		
	2402 (MHz)	2441(MHz)	2480(MHz)
Smith(Ω)	40.29	52.53	53.93
Return loss(dB)	-17.08	-29.46	-13.27
VSWR	1.32	1.07	1.55

Frequency (MHz)	Efficiency (%)	Mean gain (dbi)	Peak Gain (dBi)
2400	25.98	-4.44	-0.51
2410	25.93	-4.45	-0.53
2420	25.69	-4.47	-0.5
2430	27.06	-4.31	-0.35
2440	30.17	-3.96	0.49
2450	32.41	-4.16	-0.02
2460	28.62	-4.13	0.03
2470	28.86	-4.11	0.17
2480	27.74	-4.23	0.75



