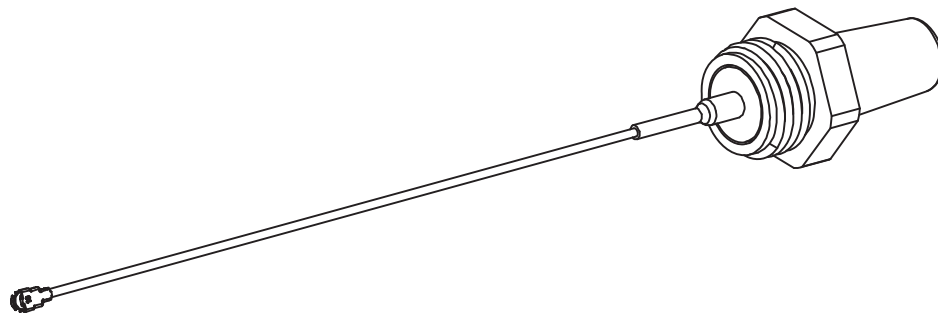
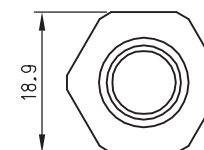
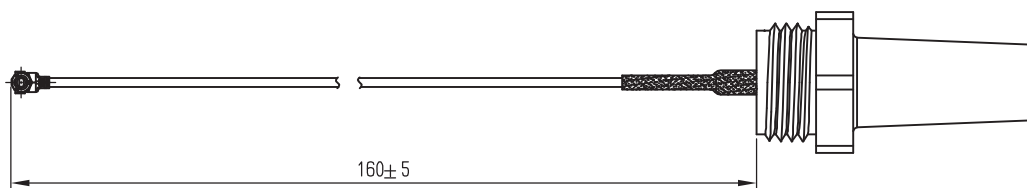




Antenna name:3010-0221



单位 (UNIT)
mm

产品性能 (Electrical Specifications)

频率范围 (Frequency Range)	2400-2500MHz
增益 (Gain)	2 dBi
电压驻波比 (V.S.W.R)	<2 : 1
极化 (Polarzation)	Linear.Vertical
最大功率 (Max power rating)	50 W
特性阻抗 (Lmpedance)	50 OHM

 **深圳市凯业达电子有限公司**
ANTENNA TECHNOLOGY SHENZHEN KYD ELECTRONIC CO.,LTD

Manufacturer:SHENZHEN KYD ELECTRONIC CO.,LTD
3rd Floor, Building 77, Xinsha Industrial City, Pinghu Street, Longgang District,
Shenzhen, Guangdong Province



ANTENNA TECHNOLOGY

深圳市凯业达电子有限公司

Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Frequency (MHz)	2400.0	2405.0	2410.0	2415.0	2420.0	2425.0	2430.0	2435.0	2440.0	2445.0	2450.0	2455.0	2460.0	2465.0	2470.0	2475.0	2480.0	2485.0	2490.0	2495.0	2500.0
Efficiency (dBi)	-3.10	-3.16	-3.03	-2.98	-2.94	-2.78	-2.87	-2.81	-2.82	-1.93	-1.92	-1.91	-1.97	-1.92	-1.88	-1.83	-1.72	-1.61	-1.59	-1.52	-1.55
Gain (dBi)	2.65	2.50	2.58	2.58	2.58	2.66	2.47	2.44	2.40	3.26	3.18	3.04	2.82	2.77	2.84	2.96	3.08	3.15	3.13	3.21	3.16
Efficiency (%)	48.93	48.35	49.83	50.40	50.81	52.74	51.58	52.33	52.23	64.12	64.28	64.37	63.47	64.20	64.86	65.56	67.24	68.96	69.29	70.53	70.00
Directivity (dB)	5.76	5.66	5.60	5.56	5.52	5.44	5.35	5.25	5.22	5.19	5.09	4.96	4.80	4.69	4.72	4.79	4.80	4.76	4.72	4.73	4.71
Peak Gain Position (Theta)	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00
Peak Gain Position (Phi)	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	240.00	240.00	240.00	240.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00
Efficiency ThetaPol (%)	31.81	32.20	33.56	34.02	34.11	35.81	35.61	36.66	36.35	44.34	44.78	45.66	45.95	46.78	47.04	47.36	49.23	51.42	52.20	52.93	52.38
Efficiency PhiPol (%)	17.12	16.16	16.26	16.38	16.70	16.93	15.97	15.67	15.88	19.78	19.49	18.71	17.52	17.42	17.83	18.20	18.00	17.54	17.09	17.60	17.62
Upper Hem. Efficiency (%)	19.90	19.78	20.52	20.96	21.29	22.29	22.08	22.62	22.66	27.88	28.00	28.07	27.72	28.08	28.42	28.75	29.62	30.67	31.08	31.79	31.76
Lower Hem. Efficiency (%)	29.03	28.58	29.30	29.43	29.52	30.45	29.51	29.71	29.57	36.24	36.27	36.30	35.75	36.13	36.44	36.81	37.61	38.29	38.21	38.74	38.25
T90(H) 圆度	6.17	6.12	6.05	6.00	5.97	5.95	5.94	5.94	5.92	5.96	5.97	5.97	5.99	5.98	5.81	5.69	5.59	5.50	5.46	5.38	5.33
Gain 15deg (dBi)																					
E1(XZ) 波瓣宽度	18.00	19.00	20.00	20.00	19.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	35.00	36.00	37.00	37.00	38.00	39.00	39.00	41.00	41.00
E1(XZ) 前后比	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.23	0.24	0.26	0.45	0.69	0.81	0.69	0.61
E2(YZ) 波瓣宽度	30.00	30.00	32.00	32.00	33.00	33.00	34.00	34.00	35.00	35.00	35.00	35.00	35.00	35.00	34.00	35.00	35.00	36.00	36.00	36.00	37.00
E2(YZ) 前后比	4.93	5.04	5.01	5.04	5.09	5.14	5.21	5.24	5.18	5.05	5.13	5.25	5.33	5.39	5.44	5.55	5.63	5.67	5.73	5.78	5.77
最大增益处轴比(P)	0.67	0.61	0.78	0.82	0.85	0.71	0.61	0.52	0.67	0.85	0.94	0.68	0.88	0.87	4.92	4.75	4.49	4.43	4.58	4.75	4.67
顶点(Theta=0) 处轴比(P)	11.53	11.37	10.94	10.65	10.76	10.90	10.75	10.32	9.85	9.66	9.77	9.96	9.91	9.74	9.99	10.76	12.13	13.64	14.72	15.91	17.37
仰角10度处轴比(P)	85.83	63.62	70.13	60.53	58.32	84.58	64.37	55.44	65.91	52.46	52.22	52.27	45.04	52.06	56.27	56.27	50.44	50.73	54.53	56.10	55.81
Hc(XY) 波瓣宽度	101.00	100.00	100.00	99.00	99.00	99.00	100.00	100.00	101.00	102.00	102.00	101.00	102.00	103.00	103.00	104.00	104.00	104.00	104.00	105.00	105.00
Hc(XY) 前后比	0.71	0.94	1.13	1.17	1.14	1.20	1.25	1.26	1.17	1.06	1.06	1.10	1.25	1.30	1.23	1.19	1.30	1.46	1.52	1.45	1.41
左旋圆极化效率(%)	24.89	24.67	25.47	25.80	26.05	27.06	26.51	27.00	26.91	33.08	33.03	32.83	32.18	32.62	33.04	33.40	34.19	34.99	35.10	35.63	35.44
右旋圆极化效率(%)	24.04	23.69	24.36	24.59	24.75	25.68	25.08	25.33	25.31	31.04	31.24	31.54	31.29	31.58	31.82	32.16	33.04	33.96	34.19	34.90	34.56
Empty																					

