

DATASHEET TÉCNICO

Antena plano-terra HF

PLANO-TERRA-HF

CATEGORIA
HF e NVIS

REVISÃO / VERSÃO
A / 1.0

DOCUMENTO
EFTX-DS-PLANO-TERRA-HF-9E68

PROCESSADO EM
2026-09-01

SHA-256 DA FONTE
560cf097fbb3b97d...

ANTENA PLANO TERRA 1/4 DE ONDA HF

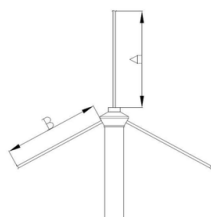


Características

Antena de polarização linear vertical.
Utilizada em radiocomunicação.

Especificações

Potência Max	800 W
Ganho	2,15 dBi
Faixa de Frequência	24 – 30 MHz
Polarização	Vertical
Diagrama Horizontal	Omnidirecional
Impedância de entrada	50 ohms
VSWR Max no canal	1,5 : 1
Conector de entrada	N ou UHF fêmea



Modelo:

ARPTFH - (14HF) -
(FREQUENCIA)

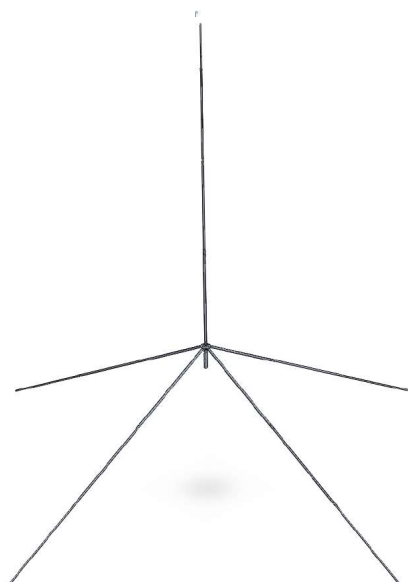
Rua Higino Guilherme Costato, 298 - Jardim Pinheiros - Valinhos - SP CEP 13.274-410 Tel. +(55)19 41170270 
www.iftx.com.br / e-mail: contato@iftx.com.br



VALIDAR DOCUMENTO

<https://antennacomposer.com.br/validar-documento/EFTX-DS-PLANO-TERR...>

ANTENA PLANO TERRA 1/4 DE ONDA HF

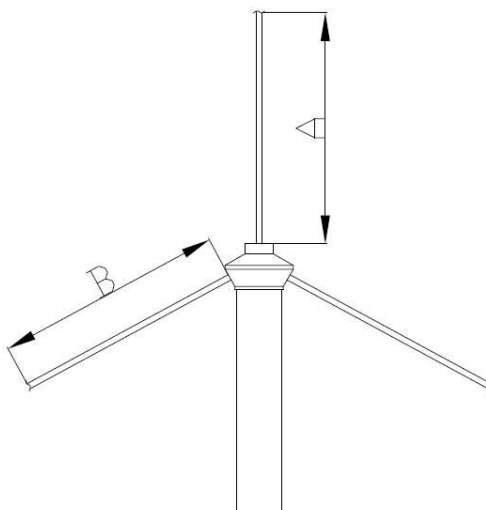


Características

Antena de polarização linear vertical.
Utilizada em radiocomunicação.

Especificações

Potência Max	800 W
Ganho	2.15 dBi
Faixa de Frequência	24 – 30 MHz
Polarização	Vertical
Diagrama Horizontal	Omnidirecional
Impedância de entrada	50 ohms
VSWR Max no canal	1,5 : 1
Conector de entrada	N ou UHF fema

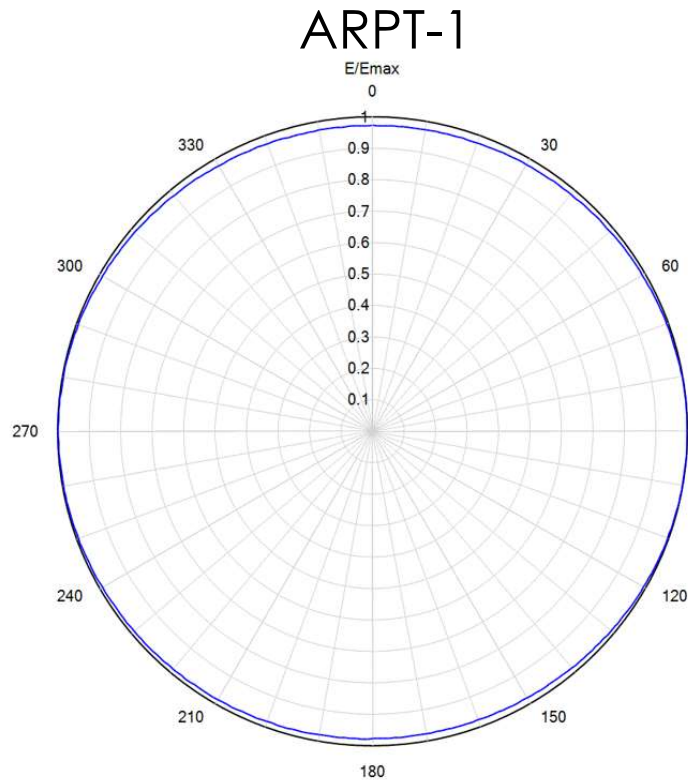


Modelo:

ARPTHF - (14HF) -
(FREQUENCIA)

ANTENA PLANO TERRA 1/4 DE ONDA HF

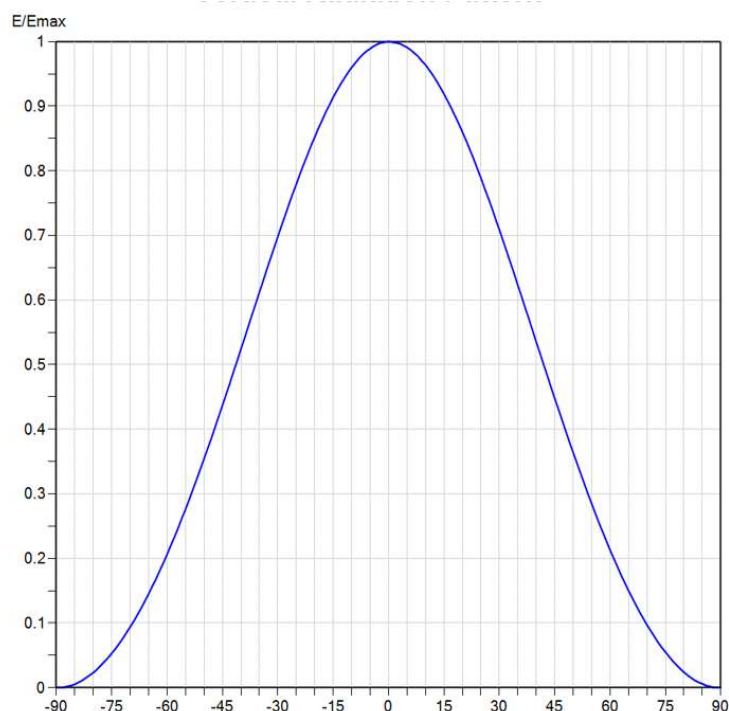
Diagrama Horizontal Escala E/Emax



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.972	45	0.984	90	0.999	135	0.986	180	0.978	225	0.987	270	0.998	315	0.982
1	0.972	46	0.985	91	0.999	136	0.985	181	0.979	226	0.988	271	0.998	316	0.982
2	0.972	47	0.985	92	0.999	137	0.985	182	0.979	227	0.988	272	0.998	317	0.981
3	0.972	48	0.985	93	0.999	138	0.984	183	0.979	228	0.988	273	0.998	318	0.981
4	0.972	49	0.986	94	1.000	139	0.984	184	0.979	229	0.988	274	0.998	319	0.980
5	0.973	50	0.986	95	0.999	140	0.984	185	0.979	230	0.989	275	0.998	320	0.980
6	0.973	51	0.987	96	0.999	141	0.983	186	0.980	231	0.989	276	0.998	321	0.979
7	0.973	52	0.987	97	0.999	142	0.983	187	0.980	232	0.989	277	0.997	322	0.979
8	0.973	53	0.988	98	0.999	143	0.982	188	0.980	233	0.989	278	0.997	323	0.978
9	0.973	54	0.988	99	0.999	144	0.982	189	0.980	234	0.990	279	0.997	324	0.978
10	0.973	55	0.988	100	0.999	145	0.981	190	0.980	235	0.990	280	0.997	325	0.978
11	0.973	56	0.989	101	0.999	146	0.981	191	0.981	236	0.990	281	0.997	326	0.977
12	0.974	57	0.989	102	0.999	147	0.981	192	0.981	237	0.990	282	0.997	327	0.977
13	0.974	58	0.990	103	0.999	148	0.980	193	0.981	238	0.991	283	0.996	328	0.976
14	0.974	59	0.990	104	0.999	149	0.980	194	0.981	239	0.991	284	0.996	329	0.976
15	0.974	60	0.991	105	0.998	150	0.980	195	0.981	240	0.991	285	0.996	330	0.976
16	0.974	61	0.991	106	0.998	151	0.979	196	0.982	241	0.992	286	0.995	331	0.975
17	0.975	62	0.991	107	0.998	152	0.979	197	0.982	242	0.992	287	0.995	332	0.975
18	0.975	63	0.992	108	0.998	153	0.979	198	0.982	243	0.992	288	0.995	333	0.975
19	0.975	64	0.992	109	0.997	154	0.978	199	0.982	244	0.992	289	0.994	334	0.975
20	0.975	65	0.993	110	0.997	155	0.978	200	0.982	245	0.993	290	0.994	335	0.974
21	0.976	66	0.993	111	0.997	156	0.978	201	0.983	246	0.993	291	0.994	336	0.974
22	0.976	67	0.994	112	0.996	157	0.978	202	0.983	247	0.993	292	0.993	337	0.974
23	0.976	68	0.994	113	0.996	158	0.978	203	0.983	248	0.994	293	0.993	338	0.974
24	0.977	69	0.994	114	0.996	159	0.977	204	0.983	249	0.994	294	0.992	339	0.973
25	0.977	70	0.995	115	0.995	160	0.977	205	0.983	250	0.994	295	0.992	340	0.973
26	0.977	71	0.995	116	0.995	161	0.977	206	0.984	251	0.994	296	0.992	341	0.973
27	0.977	72	0.995	117	0.995	162	0.977	207	0.984	252	0.995	297	0.991	342	0.973
28	0.978	73	0.996	118	0.994	163	0.977	208	0.984	253	0.995	298	0.991	343	0.973
29	0.978	74	0.996	119	0.994	164	0.977	209	0.984	254	0.995	299	0.990	344	0.972
30	0.978	75	0.996	120	0.993	165	0.977	210	0.984	255	0.995	300	0.990	345	0.972
31	0.979	76	0.997	121	0.993	166	0.977	211	0.985	256	0.996	301	0.989	346	0.972
32	0.979	77	0.997	122	0.992	167	0.977	212	0.985	257	0.996	302	0.989	347	0.972
33	0.979	78	0.997	123	0.992	168	0.977	213	0.985	258	0.996	303	0.988	348	0.972
34	0.980	79	0.997	124	0.991	169	0.977	214	0.985	259	0.996	304	0.988	349	0.972
35	0.980	80	0.998	125	0.991	170	0.977	215	0.985	260	0.997	305	0.987	350	0.972
36	0.981	81	0.998	126	0.990	171	0.977	216	0.986	261	0.997	306	0.987	351	0.972
37	0.981	82	0.998	127	0.990	172	0.977	217	0.986	262	0.997	307	0.986	352	0.972
38	0.981	83	0.998	128	0.989	173	0.977	218	0.986	263	0.997	308	0.986	353	0.972
39	0.982	84	0.999	129	0.989	174	0.977	219	0.986	264	0.997	309	0.985	354	0.972
40	0.982	85	0.999	130	0.988	175	0.978	220	0.986	265	0.997	310	0.985	355	0.972
41	0.982	86	0.999	131	0.988	176	0.978	221	0.987	266	0.998	311	0.984	356	0.972
42	0.983	87	0.999	132	0.987	177	0.978	222	0.987	267	0.998	312	0.984	357	0.972
43	0.983	88	0.999	133	0.987	178	0.978	223	0.987	268	0.998	313	0.983	358	0.972
44	0.984	89	0.999	134	0.986	179	0.978	224	0.987	269	0.998	314	0.983	359	0.972

ANTENA PLANO TERRA 1/4 DE ONDA HF

Diagrama Vertical Escala E/Emax



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.960	2.4	0.998	10.6	0.959	30.5	0.701	51.0	0.348	71.5	0.083
-9.5	0.964	2.6	0.997	10.8	0.958	31.0	0.692	51.5	0.340	72.0	0.079
-9.0	0.967	2.8	0.997	11.0	0.956	31.5	0.684	52.0	0.332	72.5	0.075
-8.5	0.971	3.0	0.997	11.5	0.952	32.0	0.675	52.5	0.324	73.0	0.070
-8.0	0.974	3.2	0.996	12.0	0.948	32.5	0.667	53.0	0.316	73.5	0.066
-7.5	0.977	3.4	0.996	12.5	0.944	33.0	0.658	53.5	0.308	74.0	0.062
-7.0	0.980	3.6	0.995	13.0	0.939	33.5	0.650	54.0	0.300	74.5	0.058
-6.5	0.983	3.8	0.995	13.5	0.934	34.0	0.641	54.5	0.293	75.0	0.055
-6.0	0.985	4.0	0.994	14.0	0.929	34.5	0.632	55.0	0.285	75.5	0.052
-5.5	0.987	4.2	0.993	14.5	0.924	35.0	0.623	55.5	0.278	76.0	0.048
-5.0	0.989	4.4	0.993	15.0	0.919	35.5	0.615	56.0	0.270	76.5	0.045
-4.5	0.991	4.6	0.992	15.5	0.914	36.0	0.606	56.5	0.263	77.0	0.041
-4.0	0.993	4.8	0.992	16.0	0.908	36.5	0.597	57.0	0.255	77.5	0.038
-3.5	0.995	5.0	0.991	16.5	0.903	37.0	0.588	57.5	0.248	78.0	0.035
-3.0	0.996	5.2	0.990	17.0	0.897	37.5	0.580	58.0	0.241	78.5	0.032
-2.8	0.996	5.4	0.989	17.5	0.891	38.0	0.571	58.5	0.234	79.0	0.029
-2.6	0.997	5.6	0.989	18.0	0.885	38.5	0.562	59.0	0.227	79.5	0.027
-2.4	0.997	5.8	0.988	18.5	0.879	39.0	0.553	59.5	0.220	80.0	0.024
-2.2	0.998	6.0	0.987	19.0	0.873	39.5	0.544	60.0	0.213	80.5	0.022
-2.0	0.998	6.2	0.986	19.5	0.867	40.0	0.535	60.5	0.207	81.0	0.019
-1.8	0.998	6.4	0.985	20.0	0.860	40.5	0.527	61.0	0.200	81.5	0.017
-1.6	0.998	6.6	0.984	20.5	0.854	41.0	0.518	61.5	0.194	82.0	0.015
-1.4	0.999	6.8	0.983	21.0	0.847	41.5	0.509	62.0	0.187	82.5	0.013
-1.2	0.999	7.0	0.982	21.5	0.840	42.0	0.500	62.5	0.181	83.0	0.011
-1.0	0.999	7.2	0.981	22.0	0.833	42.5	0.492	63.0	0.174	83.5	0.010
-0.8	0.999	7.4	0.980	22.5	0.826	43.0	0.483	63.5	0.168	84.0	0.008
-0.6	0.999	7.6	0.979	23.0	0.819	43.5	0.474	64.0	0.162	84.5	0.007
-0.4	1.000	7.8	0.978	23.5	0.812	44.0	0.465	64.5	0.156	85.0	0.006
-0.2	1.000	8.0	0.977	24.0	0.804	44.5	0.457	65.0	0.150	85.5	0.005
0.0	1.000	8.2	0.976	24.5	0.797	45.0	0.448	65.5	0.145	86.0	0.003
0.2	1.000	8.4	0.974	25.0	0.789	45.5	0.440	66.0	0.139	86.5	0.003
0.4	1.000	8.6	0.973	25.5	0.781	46.0	0.431	66.5	0.134	87.0	0.002
0.6	0.999	8.8	0.971	26.0	0.773	46.5	0.423	67.0	0.128	87.5	0.001
0.8	0.999	9.0	0.970	26.5	0.766	47.0	0.414	67.5	0.123	88.0	0.000
1.0	0.999	9.2	0.969	27.0	0.758	47.5	0.406	68.0	0.117	88.5	0.000
1.2	0.999	9.4	0.968	27.5	0.750	48.0	0.397	68.5	0.112	89.0	0.000
1.4	0.999	9.6	0.966	28.0	0.742	48.5	0.389	69.0	0.107	89.5	0.000
1.6	0.998	9.8	0.965	28.5	0.734	49.0	0.380	69.5	0.102	90.0	0.000
1.8	0.998	10.0	0.964	29.0	0.725	49.5	0.372	70.0	0.097		
2.0	0.998	10.2	0.962	29.5	0.717	50.0	0.364	70.5	0.093		
2.2	0.998	10.4	0.961	30.0	0.709	50.5	0.356	71.0	0.088		