



88-108 MHz Dipole antennas D4 FM(L), D4 FM(H), D4 FM(L)-2, D4 FM(H)-2

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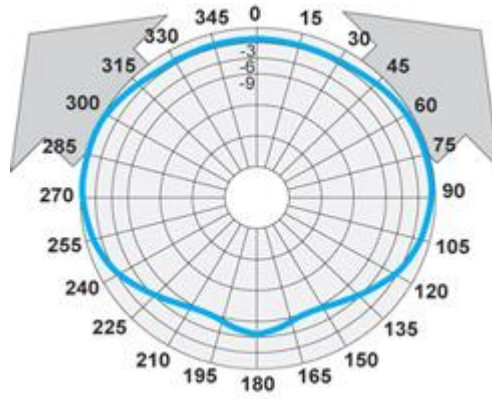
Electrical specifications

Model	D4 FM(L)	D4 FM(H)	D4 FM(L)-2	D4 FM(H)-2
Operating frequency band, MHz	88-100	100-108	88-100	100-108
VSWR, not more than	1.5	1.5	1.5	1.5
Gain OMNI, dBi	8.15	8.15	8.15	8.15
OFFSET, dBi	11.15	11.15	11.15	11.15
Sector in vertical plane , -3dB	18°	18°	18°	18°
Impedance, Ohm	50	50	50	50
Max. power input, W	500	500	2000	2000

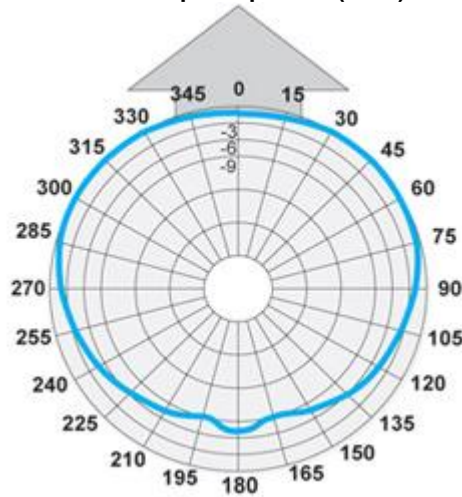
Mechanical specifications

Model	D4 FM(L)	D4 FM(H)	D4 FM(L)-2	D4 FM(H)-2
Weight, kg	18.5	18	20.5	20
Height/Length, M	8.25	8.25	8.25	8.25
Construction material	Aluminium alloy			
Mast diametr, mm	38-65			
Rated wind velocity, m/s	42	42	42	42
Wind loading area, m ²	0.41	0.4	0.41	0.4
Load of side wind 45 m/s, H	465	465	465	465
Rated wind velocity with 0.5" icing, m/s	28	28	28	28
Temperature range, °C	from -50 to +50			
Connector	N-female	N-female	7/16 DIN	7/16 DIN

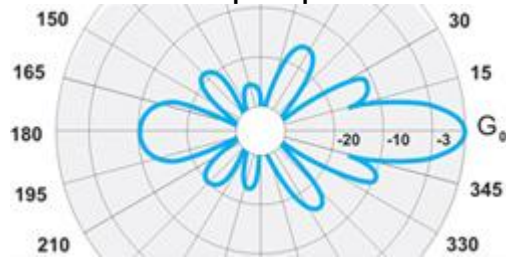
D4 FM H-plane pattern (1/2 λ)



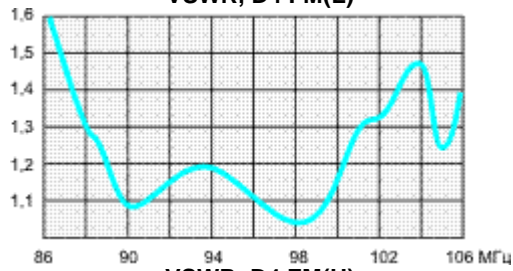
D4 FM H-plane pattern (1/4 λ)



D4 FM E-plane pattern.



VSWR, D4 FM(L)



VSWR, D4 FM(H)

