

PROFESSIONAL STACKED DIPOLE ANTENNAS



Lambda TD4501

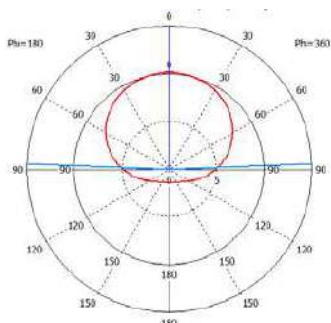
400 - 470 MHz

Lambda TD4501 - is a one folded dipole element wide band UHF antenna for professional radio systems. All antenna parts are made of aluminum and covered with polymer powdered protecting coating. All components of dipole element are DC grounded for better lightning and antistatic protection. The supporting mast doesn't include into ordering package.

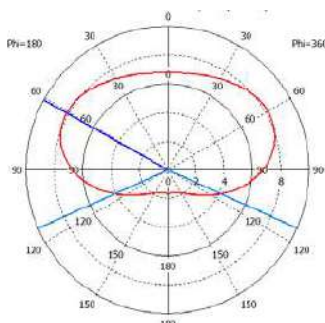


AD4501	
Frequency range, MHz	400 – 470
Bandwidth @ SWR < 1.5, MHz	70
Elements	1
Gain, dBd (1/4 λ dipole to mast spacing)	0
Gain, dBd (3/8 λ dipole to mast spacing)	3
Power rating, W	200
Overall dimensions (H x W),mm	300x550
Weight (aprox.), kg	2
Impedance, Ohm	50
Termination	N- female
Vertical beamwidth (3/8 spacing)	70°
Max. exposed area, m	0.028
Lateral thrust at 45 m/s, H	32
Lightning protection	DC Grounded
Rated wind velocity, m/s	55
Rated wind velocity with 0.5" icing, m/s	28

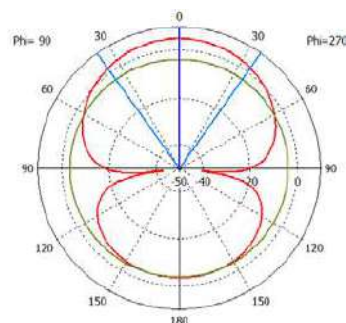
E-plane 1/4 λ dipole to mast spacing



E-plane 3/8 λ dipole to mast spacing



H-plane (Lambda AD 4501)



Lambda TD4502

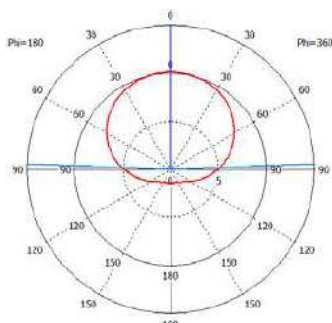
400 - 470 MHz

Lambda TD4502 - is a two folded dipole elements wide band UHF antenna for professional radio systems. All antenna parts are made of aluminum and covered with polymer powdered protecting coating. All components of dipole element are DC grounded for better lightning and antistatic protection. The supporting mast doesn't include into ordering package.

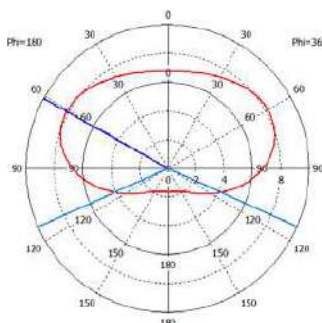


AD4502	
Frequency range, MHz	400 – 470
Bandwidth @ SWR < 1.5, MHz	70
Elements	2
Gain, dBd (1/4 λ dipole to mast spacing)	3
Gain, dBd (3/8 λ dipole to mast spacing)	5.6
Power rating, W	200
Overall dimensions (H x W),mm	800x550
Weight (aprox.), kg	3.2
Impedance, Ohm	50
Termination	N- female
Vertical beamwidth (3/8 spacing)	37°
Max. exposed area, m	0.056
Lateral thrust at 45 m/s, H	64
Lightning protection	DC-Grounded
Rated wind velocity, m/s	55
Rated wind velocity with 0.5" icing, m/s	28

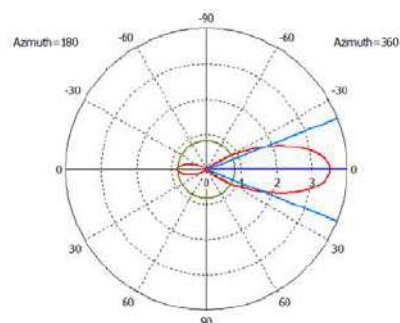
E-plane 1/4 λ dipole to mast spacing



E-plane 3/8 λ dipole to mast spacing



H-plane (Lambda AD 4502)



Lambda TD4504

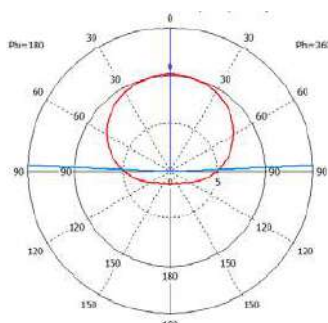
400 - 470 MHz

Lambda TD4504 - is a four folded dipole elements wide band UHF antenna for professional radio systems. All antenna parts are made of aluminum and covered with polymer powdered protecting coating. All components of dipole element are DC grounded for better lightning and antistatic protection. The supporting mast doesn't include into ordering package.

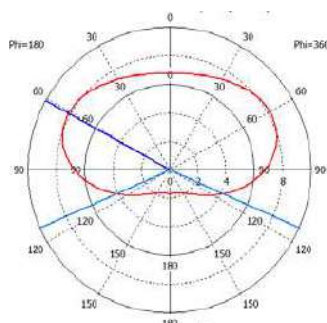


AD4504	
Frequency range, MHz	400 – 470
Bandwidth @ SWR < 1.5, MHz	70
Elements	4
Gain, dBd (1/4 λ dipole to mast spacing)	6
Gain, dBd (3/8 λ dipole to mast spacing)	9
Power rating, W	200
Overall dimensions (H x W),mm	2200x550
Weight (aprox.), kg	7.2
Impedance, Ohm	50
Termination	N- female
Vertical beamwidth (3/8 spacing)	19°
Max. exposed area, m	0.112
Lateral thrust at 45 m/s, H	128
Lightning protection	DC-Grounded
Rated wind velocity, m/s	55
Rated wind velocity with 0.5" icing, m/s	28

E-plane 1/4 λ dipole to mast spacing



E-plane 3/8 λ dipole to mast spacing



H-plane (Lambda AD 4504)

