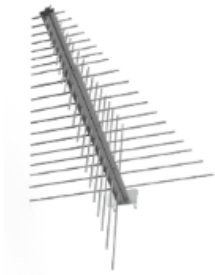


DUAL-POLARIZED LPDA ANTENNA

DY-DLPDA-A03-001

DY-DLPDA-A03-001 is a log periodic dipole array antenna designed and optimized for 100 ~ 500MHz band. It is suitable for V/UHF communication, radio monitoring that measures RF signals, and wiretapping. It is durable as a structure in which two LPDA antennas are orthogonal to each other, its aluminum elements and booms are painted after oxidation film treating, the switching circuits are applied to use vertical/horizontal polarization selectively, and it can be used as V/UHF source antennas for measurement.



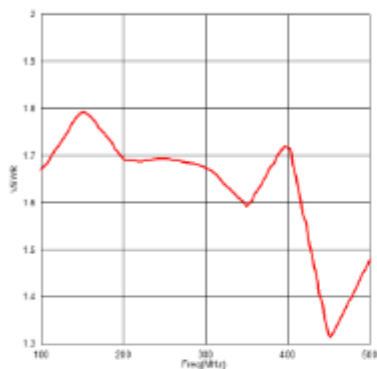
[More Info](#)

SPECIFICATION

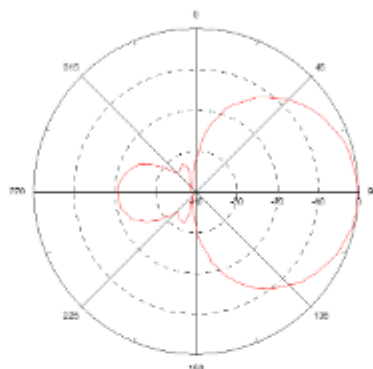
ELECTRICAL SPECIFICATION	Freq. Range	100 ~ 500 MHz
	Polarization	Linear (V and H)
	Gain [dBi]	≥ Typ. 6
	V.S.W.R	≤ 2.5 : 1
	3dB Beam Width [degree]	App. 120° [Az] App. 60° [E]
	Isolation [dB]	≥ Typ. 15
	Impedance [ohm]	Nom. 50
MECHANICAL SPECIFICATION	Dimension [m]	App. 2.1(L) x 1.7(W) x 1.7(H)
	Weight [Kg]	App. 16
	Connector Type	N-Type
	Wind survival	120km/h
	Operating Temperature	-40°C ~ 85°C
	Weatherproofing	IP66

ELECTRICAL PERFORMANCE

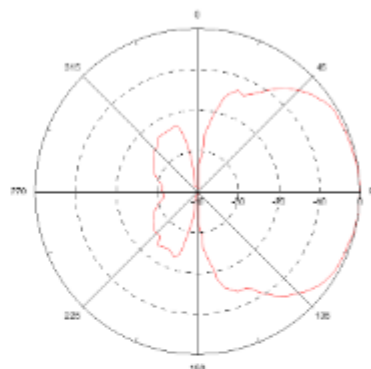
VSWR



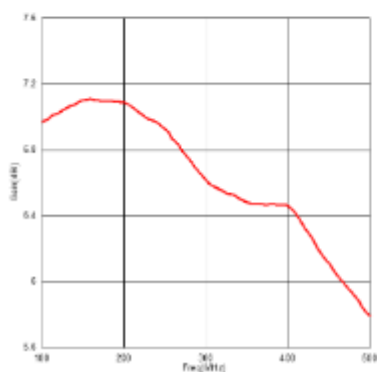
100MHz (Elevation)



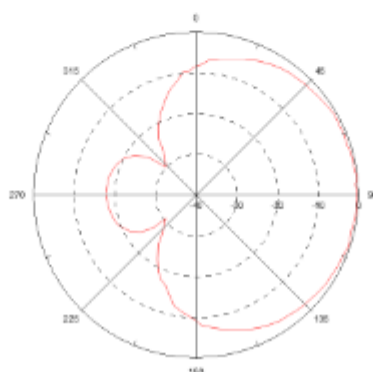
500MHz (Elevation)



VSWR



100MHz (Azimuth)



500MHz (Azimuth)

