



DSA-210/E Discone Antenna

DSA-210/E discone or truncated antenna is designed and manufactured for operating in several octaves of frequency bandwidth. Although often this antenna is used for establishing stationary ground/airborne communication, it can be operated as a vehicular antenna. Using discrete aluminum cone elements instead of indiscrete cone increases antenna resistance as well as providing capability of operating the antenna in higher wind speed.

Technical Specifications

Frequency range.....	100 ~ 200 MHz
VSWR.....	less than 2
Maximum input power.....	100W
Polarization.....	vertical
Radiation pattern.....	Omni-directional
Gain.....	2 ~ 3 dBi
Impedance.....	50Ω
Height.....	103cm
Diameter of the antenna base.....	135cm
Total weight of the antenna.....	4.1kg
Connector type.....	male N
Operating temperature.....	-33°C ~ +65°C
Storage temperature.....	-40°C ~ +71°C
Environmental standard.....	MIL-STD-810F