

1. antenna type and gain

ELECTRICAL CHARACTERISTICS

- resonate frequency : 462 MHz +/-10MHz
- impedance : 50 ohms nominal
- radiation pattern : omni directional
- polarization : Vertical
- s. w. r. : 2.0 or less
- gain : 1.64
- storage temp. : -30°C to 70°C
- operating temp. : -20°C to 60°
- dielectric strength : AC 1500V for one minute
- Insulation resistance : 100Mohms at DC 500V
- humidity resistance : satisfy the electrical and mechanical characteristics after 6 hours in 95% RH at 40°C and one hour drying.
- vibration resistance : satisfy the electrical and mechanical characteristics after two hours in each 3 dimension with 10-55 hz amplitude 105mm and interval one minute.
- shock resistance : satisfy the electrical and mechanical characteristics after drop down with 100g upon rubber block.