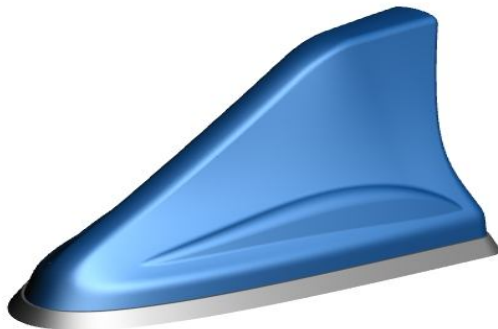


Combined Antenna - IESHVA002

Features

- Vehicle combi Antenna (WAVE, GPS)
- Compact Direction Head Design
- Dual Stack improves total gain
- Waterproof in outdoor

Outline Drawing Concept



Electrical Specifications

▷ WAVE Band

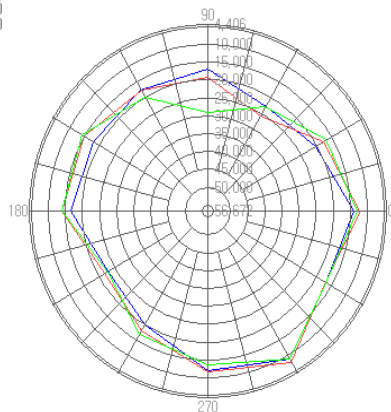
- FREQ. RANGE (f_L - f_U) : 5.850~5.925GHz
- POLARIZATION : Linear Polarization
- GAIN(dBi) : 5.5 Typ
- VSWR : 2.5 Typ
- IMPEDANCE(Ω) : $50 \pm 5\%$
- Termination : FAKRA – female (Z code)

▷ GPS Band

- FREQ. RANGE (f_L - f_U) : 1.575.42GHz ± 2 MHz
- POLARIZATION : Circular Polarization(RHCP)
- GAIN(dBic) : 28 Typ
- VSWR : 2.0 Typ
- IMPEDANCE(Ω) : $50 \pm 5\%$
- Termination : FAKRA – female (C code)

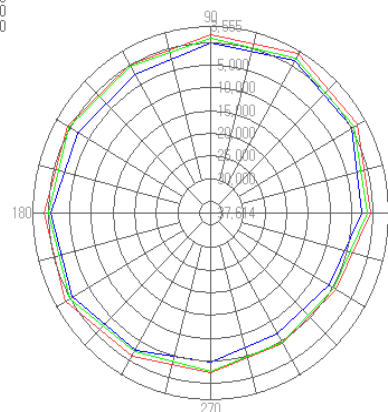
▷ WAVE Band – Radiation Pattern

■ 5835,000
■ 5880,000
■ 5925,000



[Elevation]

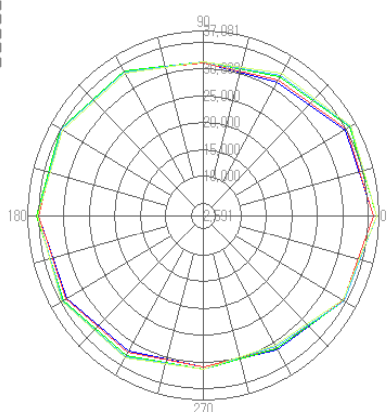
■ 5835,000
■ 5880,000
■ 5925,000



[Azimuth]

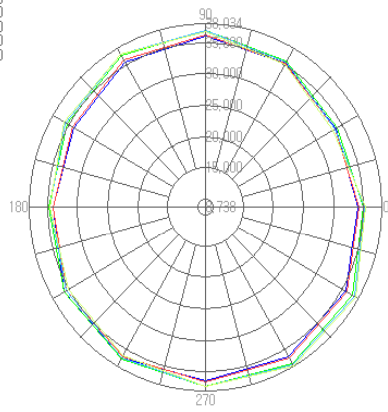
▷ GPS Band – Radiation Pattern

■ 1573,420
■ 1574,420
■ 1575,420
■ 1576,420
■ 1577,420



[Elevation]

■ 1573,420
■ 1574,420
■ 1575,420
■ 1576,420
■ 1577,420



[Azimuth]