

GPS PATCH ANTENNA (DA-1S25 series)

(Preliminary)

Features



- Dielectric patch antenna with compact size, high gain, outstanding stability and sensitivity
- 50 ohms standard impedance match
- Lead (Pb) free for the clean environment
- Custom-designed antenna patterns to meet exact needs
- Suitable for GPS-equipped cellular phones, PDA and all GPS devices
- Reflow soldering compatibility
- Packaged in reeled tapes

Electrical characteristics

Output impedance	50
General receiving frequency range	1575.42 ± 1.023MHz
Center frequency	1575.42MHz
Polarization	RHCP
Antenna gain (toward zenith)	-3dBi typ. (The antenna is mounted on the 125mm×35mm ground plane)
Axial ratio (toward zenith)	4dB max.
Output VSWR (Z ₀ =50)	2.0 max.

Shapes and dimensions

