

SDAR (Satellite Digital Audio Radio) Antenna Module

MODEL: GXM-25A



- High Gain & Low Noise
- ESD Resistance up to 8KV (Contact Discharge)
- Waterproof for Better Reliability
- Sirius and XM Radio Compatible

Applications

- Performance Enhancement for Satellite Digital Audio Radio Systems with a Switch Circuit for an Optional Antenna
- Sirius Radio (U.S.) compatible car/ table/ portable radios and other kinds of radios
- XM Radio (U.S.) compatible car/ table/ portable radios and other kinds of radios

SPECIFICATIONS:

PHYSICAL CONDITION	
Dimensions:	72.5mm (OD) x 8.5mm (H)
Weight:	30grams (w/o cable & connector).
Cable & Connector	
RF cable:	RG174
Pulling strength:	6 Kg @ 5sec. molded plastic on connector end for strain relief.
Connector	SMA / SMB / SMC / MCX / MMCX / BNC / TNC / -----
Antenna Element	
Center Frequency:	2338.75 MHz +/-6.25 MHz
Polarization:	R.H.C.P. (Right Handed Circular Polarization).
Absolute Gain @ Zenith:	+2 dBi typical.
Gain @ 10° Elevation:	1 dBi typical.
Axial Ratio:	3 dB max.
Output VSWR:	2.0 max
Output Impedance:	50 ohm
Low Noise Amplifier	
Center Frequency:	2338.75+/-6.25 MHz
Power Gain:	30db +/-1db
Bandwidth:	10 MHz min.
Noise Figure:	1.0 typ
Outer Band Attenuation:	10 dB min. @ Fo +/-10 Mhz.
Supply Voltages:	4~5.5V DC.

