

# DATASHEET

## 2 dBi Omni Articulating Antenna SMA A082202-21-OA

The A082202-21-OA is a portable antenna this is vertically polarized and omni-directional. The radiation elements of this antenna are coaxial cable housed in an injection-molded sleeve made from polyurethane. The overall construction of this type of antenna provides flexibility and durability and is designed to attach directly to the radio or be remote mounted. This antenna features an integral SMA connector.



Features	Benefits
Injection-Molded Sleeve	◆ Makes this antenna weatherproof
Integrated SMA Pug Connector	◆ Can be attached directly to the radio or be remote mounted
Backed by ProSoft Technology <sup>®</sup>	◆ Industrial data communications experts who understand your protocols, devices, and applications ◆ Three year standard warranty

### General Specs

Frequency Range	AMPS: 824-896 MHz GSM: 890-960 MHz PCS: 1850-1990 MHz UMTS: 1920-2170 MHz
Impedance	50 Ohms
VSWR	ADGP <2.0:1; UMTS <3.0:1
Gain	2 dBi
Radiation	Omni
Polarization	Vertical
Material	Whip: Polycarbonate (Black) Swivel Mechanism: Polycarbonate (Black) Connetor: Brass with black chrome plating
Operation Temp	-20° to +65°C
Storage Temp	-30° to +75°C

### Regulatory Approvals

RoHS