

DATASHEET

Unity Gain Omni Articulating Antenna for GSM/DCS Cellular A0817S-OA

The A0817S-OA is a articulating dual band antenna that is omni-directional and supports the GSM cellular (890 - 960 MHz) and DCS cellular (1710 - 1880 MHz) bands. This antenna features an integral SMA reverse polarity connector for direct connection to a radio or plug-in module.



Features	Benefits
Articulating	◆ Swivels to achieve best signal strength
Integrated SMA Pug Connector	◆ Can be attached directly to the radio or be remote mounted
Dual frequency band	◆ One antenna supports both GSM and DCS cellular networks

General Specs

Frequency Range	GSM: 890-960 MHz DCS: 1710-1880 MHz
Impedance	50 Ohms
VSWR	<2.0:1
Gain	Unity Gain
Radiation	Omni
Polarization	Vertical
Length	4.22" (108 mm)
Connector	SMA-RP
Material	Whip: Polycarbonate (Black) Swivel Mechanism: Polycarbonate (Black) Connector: Brass with black chrome plating
Operation Temp	-20°C to +65°C
Storage Temp	-30°C to +75°C

Regulatory Approvals

RoHS