Product Data Sheet

PCX-SMAP-C3G

PANORAMA ANTENNAS

M2M & ISM Band

Pentaband Stubby Antenna

- Mesh Network
- Omni Directional
- Pentaband
- ROHS Compliant
- GPRS GPRS
- UMTS UMTS

PCX-SMAP-C3G

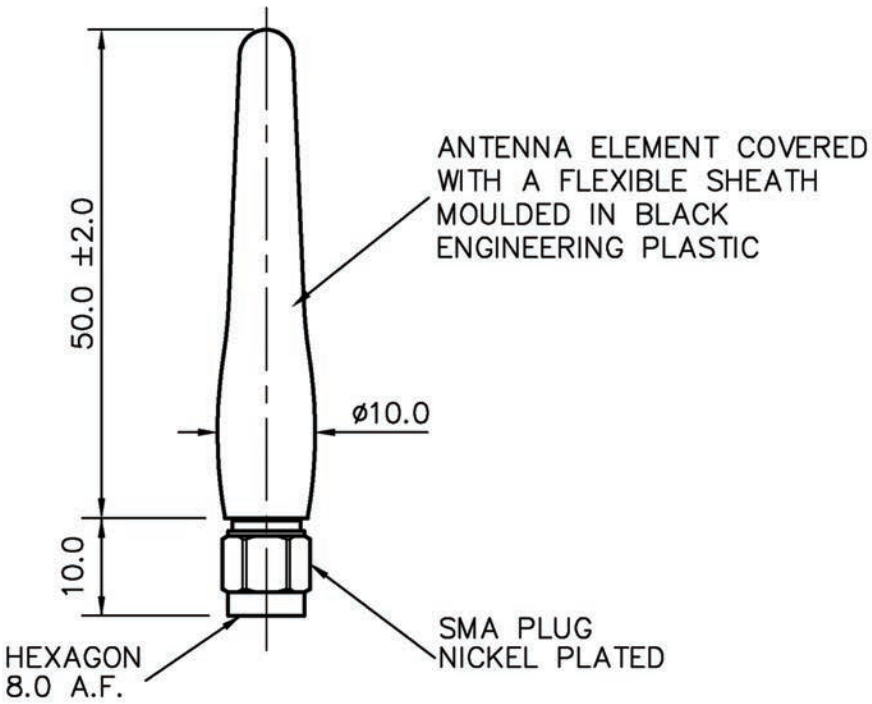
Multi frequency
Rugged design for modems
Waterproof equivalent to IP67

The PCX-SMAP-C3G wireless terminal antenna is suitable on equipment that requires a wireless data signal.

This small antenna is also perfect for hand-held devices that need wireless connectivity and has been engineered to survive in outdoor environments.

Pentaband functionality allows the antenna to be used for many different applications and to offer a high level of interoperability.

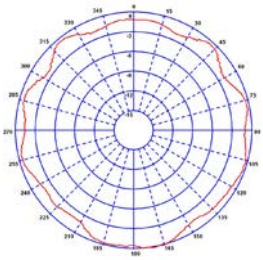
Technical Drawing



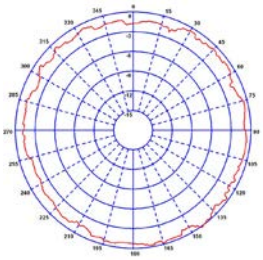
M2M & ISM Band

Pentaband Stubby Antenna

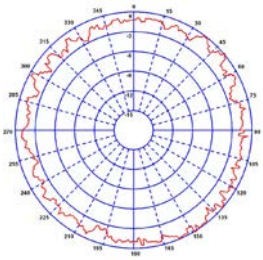
H-Plane (900MHz)*



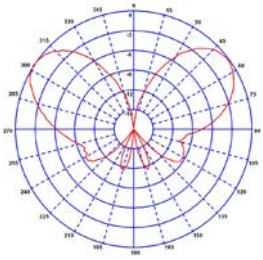
H-Plane (1800MHz)*



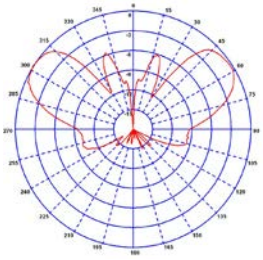
H-Plane (2000MHz)*



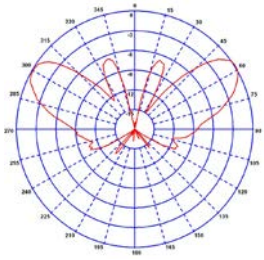
E-Plane (900MHz)*



E-Plane (1800MHz)*

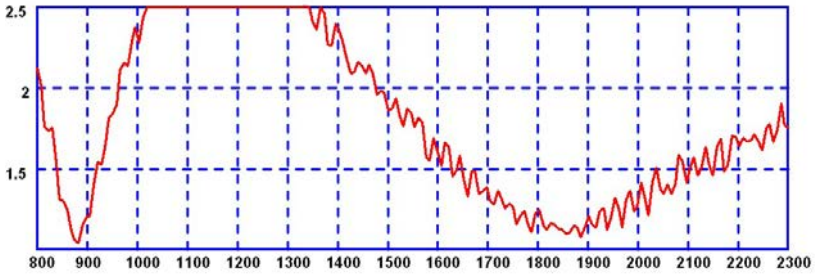


E-Plane (2000MHz)*



*Measurments taken with 150mm2 ground plane

Typical VSWR



Part No.		
		PCX-SMAP-C3G
Electrical Data		
Frequency Range (MHz)		805-960, 1710-1880, 1850-1990, 1990-2170
Operational Band		AMPS800 / GSM850, GSM900, GSM1800, PCS1900, 3G UMTS
VSWR		≤ 2:1
Gain: Isotropic		2dBi
Compared to ¼ wave		0dB
Pattern		Omni-directional
Polarisation		Vertical
Impedance		50Ω
Max Input Power (W)		20
Mechanical Data		
Dimensions (mm)	Height	60
	Diameter	10
Operating Temp (°C)		-40° / +80°C
Material		Engineering Plastic
Colour		Black
Connector		
Type		SMA plug

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