

PCX-SMAP-C3G

2G/3G frequency coverage

Cost effective design

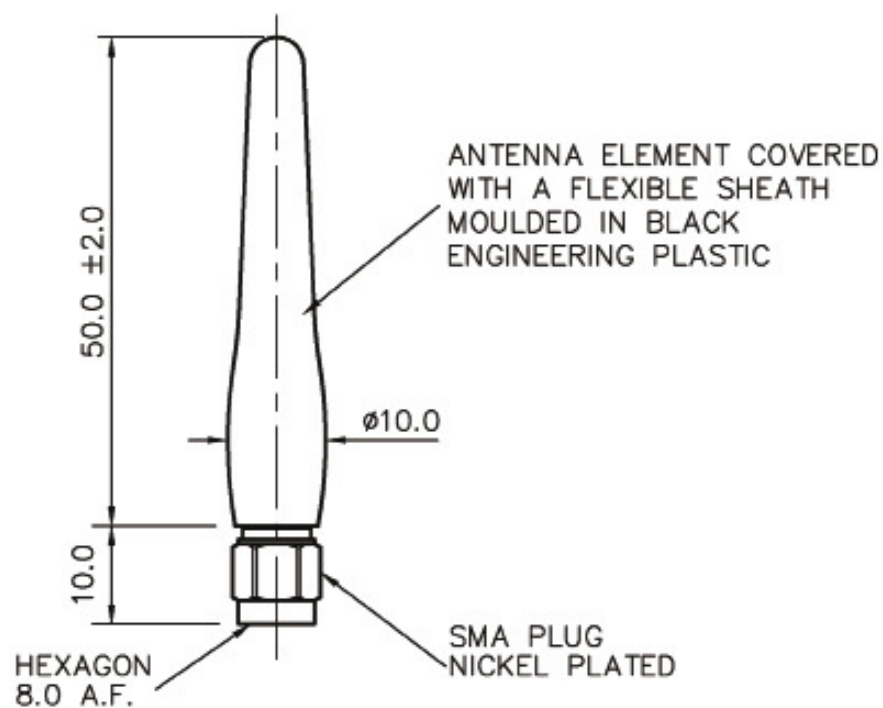
SMA plug connector



The PCX-SMAP-C3G wireless terminal antenna is suitable for portable and stationary terminal equipment that requires a compact, cost effective 2G/3G antenna with an SMA connector.

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

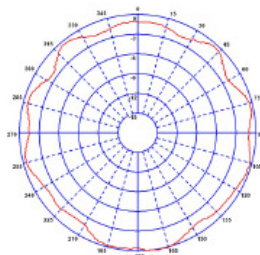
Technical Drawing



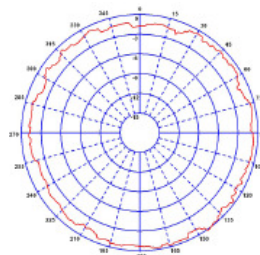
M2M & IOT

Pentaband Stubby Antenna

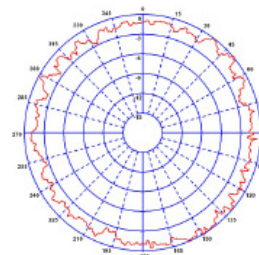
H-Plane (900MHz)*



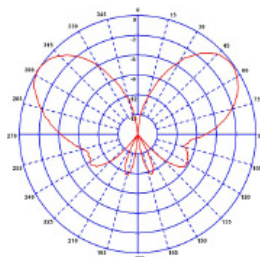
H-Plane (1800MHz)*



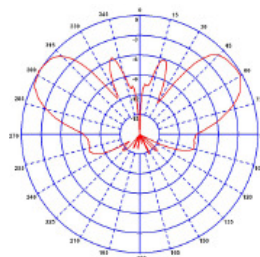
H-Plane (2000MHz)*



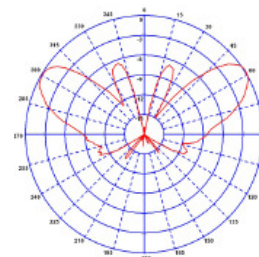
E-Plane (900MHz)*



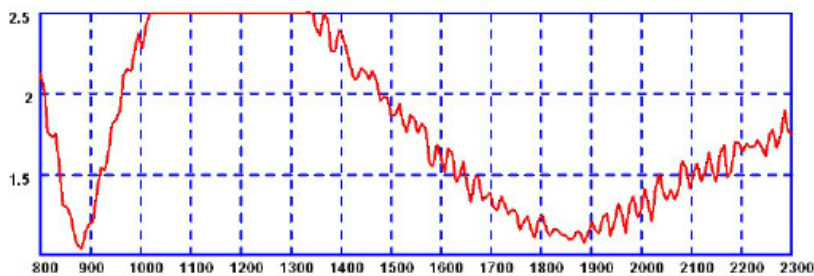
E-Plane (1800MHz)*



E-Plane (2000MHz)*



Typical VSWR



*Measurements taken with 150mm2 (6") ground plane with 5m (17') of CS29 cable

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
Typical VSWR	≤ 2:1
Peak Gain: Isotropic	2dBi
Pattern	Omni-directional
Polarisation	Vertical
Impedance	50Ω
Max Input Power (W)	20

Mechanical Data

Dimensions (mm)	Height	60 (2.36")
	Diameter	10 (0.4")
Operating Temp (°C)	-30° / +70°C (-22° / +158°C)	
Material	Black TPE	

Connector

Type	SMA plug
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