



Product Data Sheet

TCLIP2-C3G-05CRC9

GPRS & 3G UMTS

Clip & Desk Antenna

TCLIP2-C3G



Universal clip for laptops

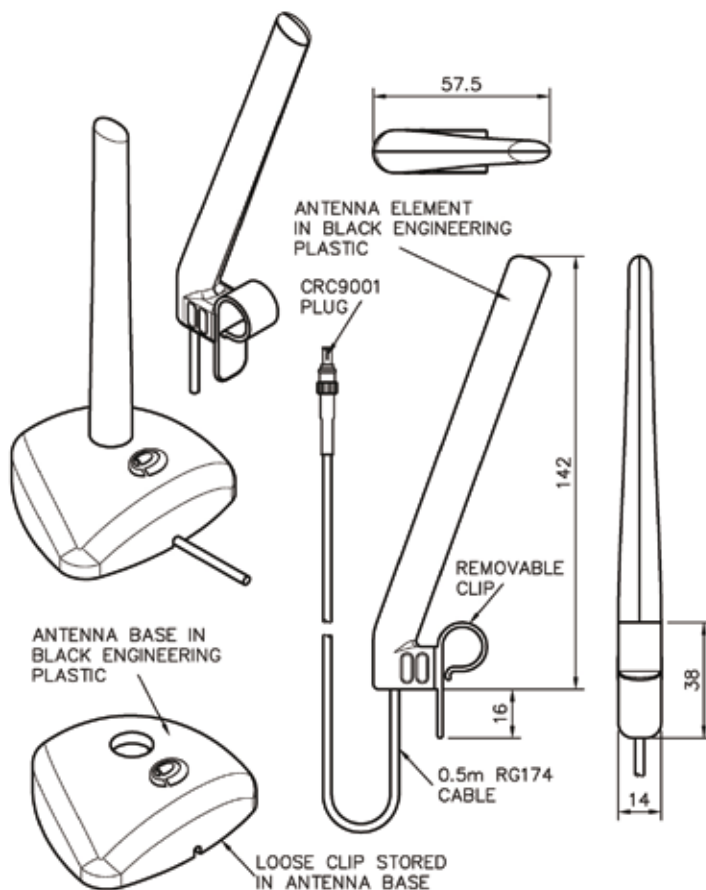
Desk mount option

Various connectors for different data cards, express cards & USB devices

The deceptively stylish form of the TCLIP2-C3G hides a powerful and effective antenna designed to significantly improve signal strength and transfer speeds for data connections. Simply connect the TCLIP2-C3G to your data card or USB modem and experience the difference immediately.

Whether in the office or out of it the TCLIP2-C3G adapts to every situation: featuring a desk stand and a screen clip combined in one innovative package. With the TCLIP2-C3G you can connect to the world, wherever you are.

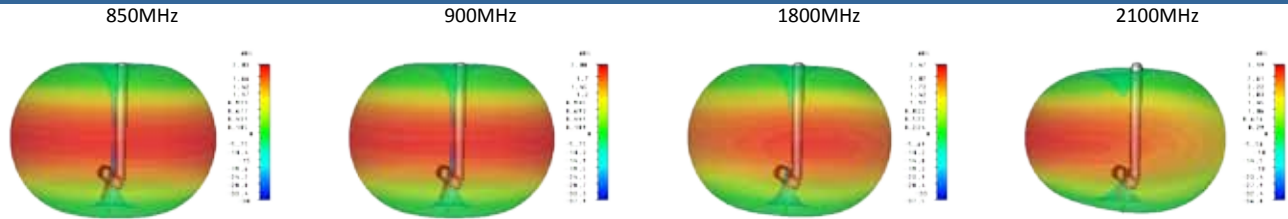
Technical Drawing



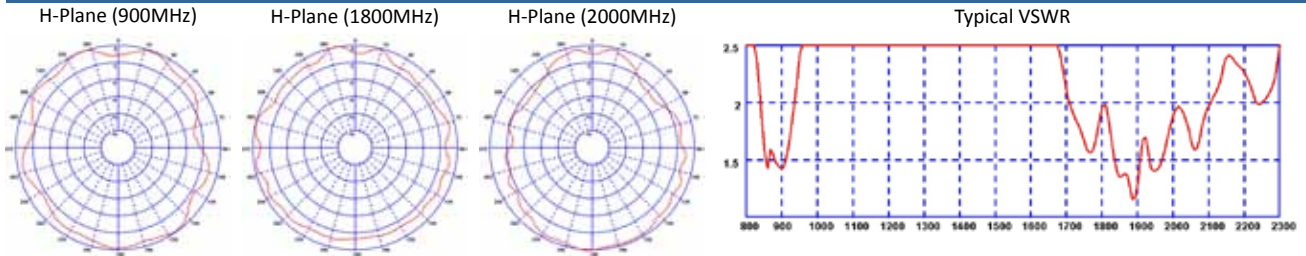
GPRS & 3G UMTS

Clip & Desk Antenna

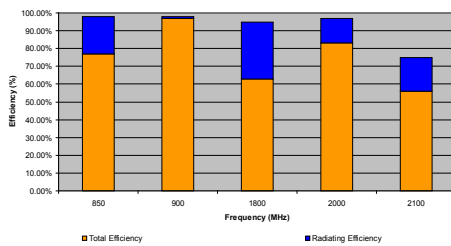
3D Simulated Plots



Chamber Measured Plots & VSWR



Efficiency



Frequency (MHz)	Radiating Efficiency (%)	Total Efficiency (%)
850	98	77
900	98	97
1800	95	63
2000	97	83
2100	75	56

Part No.

TCLIP2-C3G-05CRC9

Electrical Data

Frequency Range (MHz)	805-894, 890-960, 1710-1880, 1900-2170
Operational Band	GSM850 / CDMA850, GSM900, GSM1800, PCS1900, 3G UMTS
Gain: Isotropic	2dBi
Compared to ¼ wave	0dB
Polarisation	Vertical
Pattern	Omni-directional
Impedance	50Ω
Max Input Power (W)	10

Mechanical Data

Dimensions (mm)	Length	142
	Width	14
Material	Engineering plastic	
Operating Temp (°C)	-40° / +80°C	
Colour	Black	

Mounting Data

Type	Computer screen clip or desk stand
Material	Engineering plastic
Colour	Black

Cable Data

Type	RG174
Thickness (mm)	2.5
Length (m)	0.5
Termination	CRC9 plug

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