

CAR GSM ANTENNA

MODEL: TC-820

Inside Glass Antenna

Five Band 800/900/1800/1900/2170MHz



1. GENERAL DESCRIPTION

Model No	P/N
TC820	TC820-3M-SMA-M

Below is a table summarizing the antenna design specification.

1.2 Electrical Properties

Parameter	Description
Frequency Band	800/900/1800/1900/2170 Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	1 / 2 λ Dipole
Return Loss	
V.S.W.R	2.3:1
Antenna Average Gain	3.0dBi
Note: Gain includes the cable loss	

1.2 Mechanical Properties

Parameter	Description
Antenna Type	Inside Glass Antenna

Antenna Material	TPR
Touch Type	3M stick cloth Type (no logo)
Connector Type	SMA-Type
Antenna Dimensions	104.2 mm ± 1
Antenna Cable Total Length	2500mm ± 10
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

2. Appearance

NO.	NAME	FINISH	Q. TY
01	Body	Black	01
02	PCB		01
03	3M-Twin adhesive	Red(No printing 3M Logo)	01
04	RG-174A/U Cable	Black	01
05	SMA 180° (Male)	Golden plating	01
06	Heat-shrink tube	Black	01

 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
					924-990 2.9GHz 1710-1980 9GHz	M/M		20080120
	TOLERANCE	X, XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	S √√	APPEARANCE					

3. FREQUENCY



