

GSM/LTE/GPS/GLONASS/Iridium Passive Antenna MODEL: TH-81F



1.. GENERAL DESCRIPTION

Model No	P/N
TH-81F	TH81F-SMA(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	700-960/1575-1616/1710-2170Mhz ON Customer Machine GND
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	1 /4 λ
Admitted Power radiation	1W
V.S.W.R	3.0:1 Max
Antenna Average Gain	0 dB
Note: Gain includes the cable loss	

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna

Material	TPU
Touch Type	Screw Type
Connector Type	SMA (Male)
Antenna Dimensions	OD12.4 x 50.4mm±0.5
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-35°C~+80°C





