

A-GSM

(DATASHEET)

Tipo	LTE Antenna
Bande supportate	AMPS (824-894 MHz) GSM (900 MHz) DCS (1800 MHz) PCS (1900 MHz) 3G (UMTS 2.1 GHz) WIFI / BLUETOOTH (2.4 GHz) 4G/LTE (699-960/1710-2690 MHz)
Montaggio	Glass Mount
Revisione	00



1. PRODOTTO

A-GSM Antenna multiband nera

2. INFORMAZIONI GENERALI

2.1. Specifiche elettriche

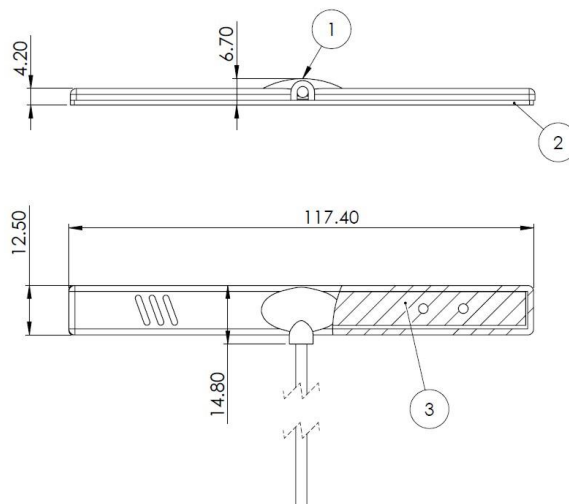
Bande supportate	AMPS (824-894 MHz) GSM (900 MHz) DCS (1800 MHz) PCS (1900 MHz) 3G (UMTS 2.1 GHz) WIFI / BLUETOOTH (2.4 GHz) 4G/LTE (699-960/1710-2690 MHz)
Impedenza	50 Ohms
Polarizzazione	Lineare
Guadagno	2.14dBi
VSWR	Full 4G/LTE <5:1 / Europa: <2:1
Potenza	25W
Temperatura operativa	-40°C to +85°C

2.2. Specifiche di connessione

Tipo di connettore: SMA male
Tipo di cavo: RG174U
Lunghezza cavo: 3 m

2.3. Specifiche meccaniche e dimensioni

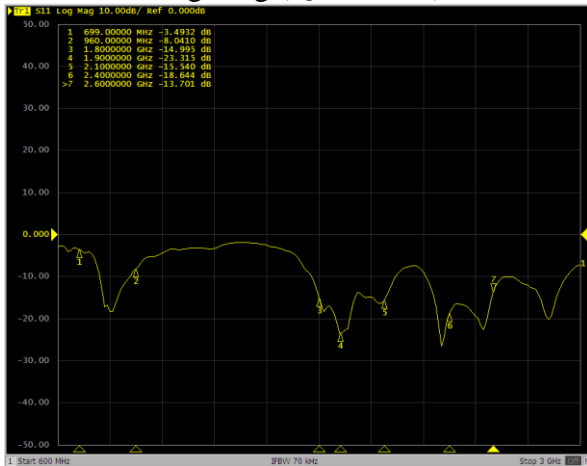
Materiale: PVC
Dimensioni: 6.7mm x 117.4mm x 12.5mm (H x L x D)
Peso: ~16 g peso senza cavo e senza connettore SMA
Colore: Nero



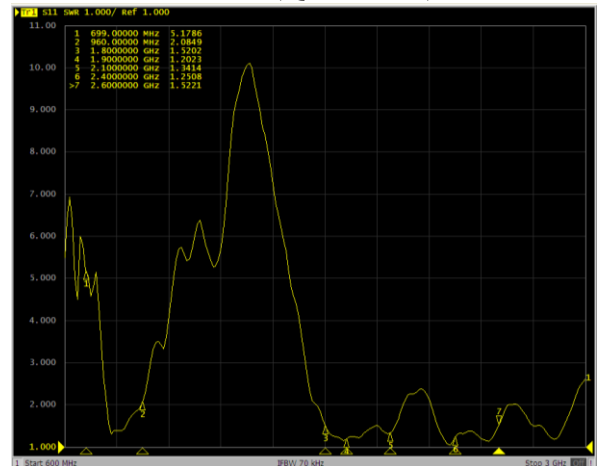
3. MISURAZIONE

3.1. S11

Log Mag (Quad Band)



VSWR (Quad Band)

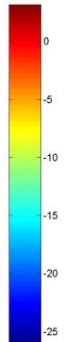
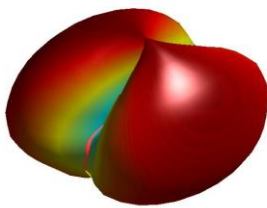


Testati entrambi con cavo di 30 cm di lunghezza e vetro sottile di 6 mm.

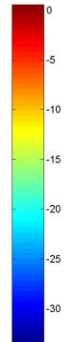
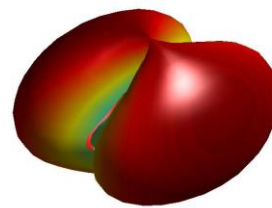
3.2. 3D Sferico

- La barra della leggenda mostra il guadagno d'antenna

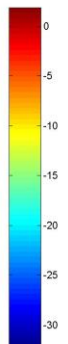
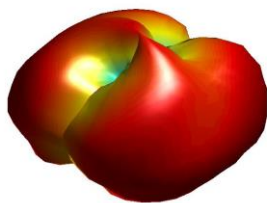
Freq = 0.8500GHz Az= 45 EL= 45



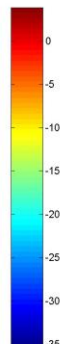
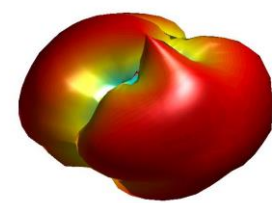
Freq = 0.9GHz Az= 45 EL= 45



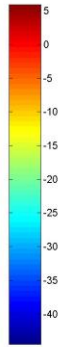
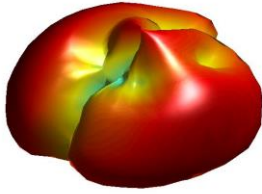
Freq = 1.8GHz Az= 45 EL= 45



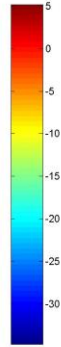
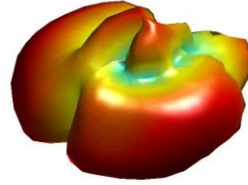
Freq = 1.9GHz Az= 45 EL= 45



Freq = 2.1GHz Az= 45 EL= 45



Freq = 2.41GHz Az= 45 EL= 45



Freq = 2.6GHz Az= 45 EL= 45

