

MIMO or Single LTE-3G-2G Roof Mount Antenna



1. Overview

The "Mini-Kojak" is a compact and easy-to-mount MIMO LTE / 3G / GSM antenna over the entire European frequency bands. Its shape make it possible to use a vertically polarized radiator design while keep it mechanically robust and give it some vandal robustness.






2. Technical Data

GSM / 3G / LTE MIMO	
Frequencies	699-960 / 1710-2170 / 2500-2690 MHz LTE 800/1800/2600 MHz 3G 2100 MHz GSM 900/1800 MHz
VSWR	700..790 MHz: < 5 : 1 790..960 MHz: < 3 : 1 1710..2700 MHz: < 3 : 1
Typical Gain	3 dBi
Impedance	50 Ω
Polarization	Vertical
Power	25 W max.
Connector	According Ordering Information 2 x LTE or 1 x LTE

Mechanical Data

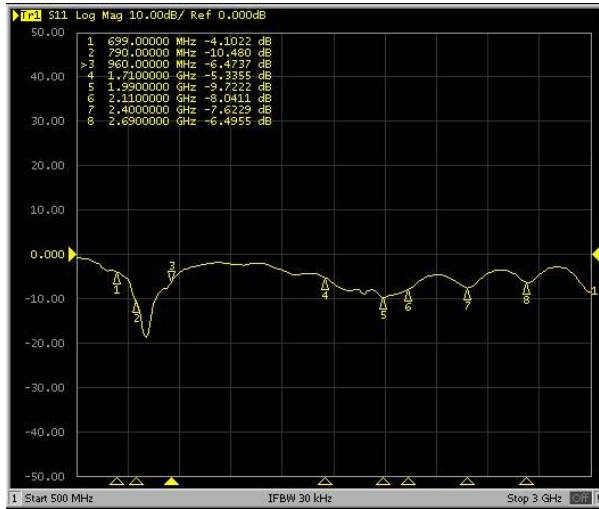
Dimensions	Ø x H 65.5 x 77.3 mm
Temperature Range	-40°C bis +85°C
Material	Lid: ASA Base: Zamak Gasket: TPE
Mounting	M14 x 1 screw Antenna requires a metal ground plane
Protection	IP67, IK09

3. Ordering Information

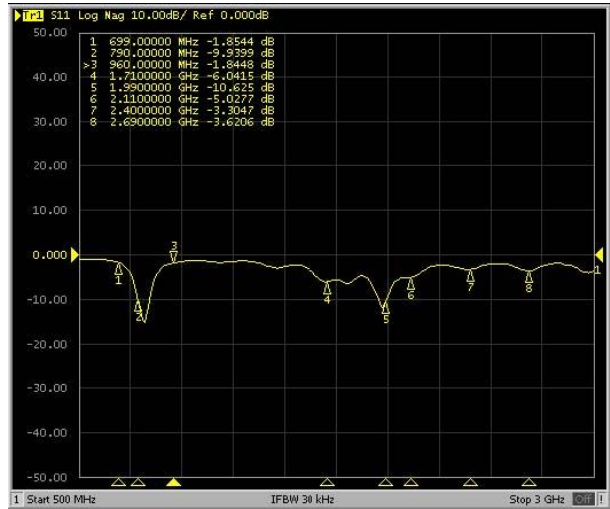
Ordering-Information	
CTX3476A-0200	2 x LTE: 2 m LMR100, Fakra D female bordeaux 
CTX3478A-0030	2 x LTE: 30cm LMR100, Fakra D male bordeaux 
CTX3497A-0200	1 x LTE: 2 m RG174, Fakra D female bordeaux 
CTX3498A-0030	1 x LTE: 30cm RG174, Fakra D male bordeaux 
CTX3500A-0200	1 x LTE: 2m RG174, SMA male 

Other cable length and connectors upon request

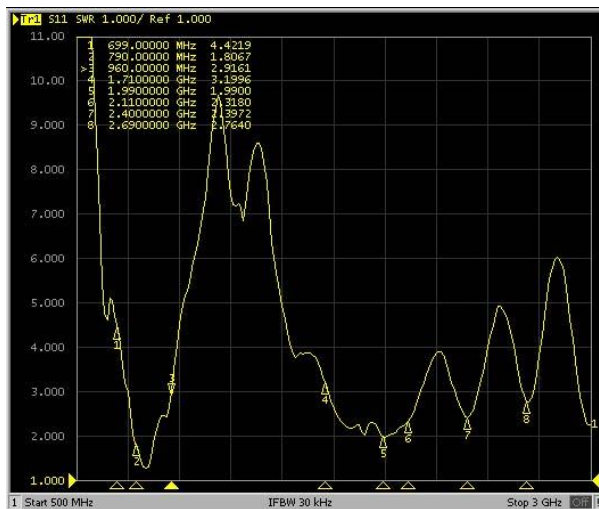
4. MIMO LTE-3G-2G Pattern
Return Loss LTE1



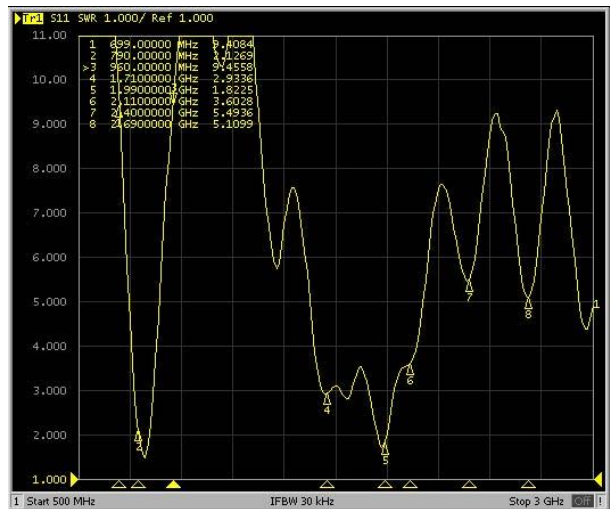
Return Loss LTE1



VSWR LTE1



VSWR LTE2



5. Dimensions and Mounting Hole

