



# Amplified portable antenna ARK102XZ

HANDHELD INTERFERENCE FINDER **LTE ÷ GSM**



## ELECTRICAL DATA

<b>Frequency range</b>	MHz	750 ÷ 1000
<b>Gain max .</b>	dBi	35
<b>VSWR</b>	dB	≥ 1.5:1
<b>Return loss</b>	dB	≥ -14
<b>Typ. noise figure</b>	dB	0.38
<b>Nominal impedance</b>	Ω	50
<b>Polarization</b>	Ω	V-H
<b>H beamwidth 815 Mhz</b>	-3 dB	40
<b>H beamwidth 915 Mhz</b>	-3 dB	30
<b>H beamwidth 950 Mhz</b>	-3 dB	28
<b>E beamwidth 815 Mhz</b>	-3 dB	50
<b>E beamwidth 915 Mhz</b>	-3 dB	30
<b>E beamwidth 950 Mhz</b>	-3 dB	26
<b>Connector cable</b>		2 mt.cable BWL195 Nf
<b>Power supply</b>		5 V inside rechargeable battery/8h
<b>Lightning protection</b>		All metal parts are D.C. grounded

## MECHANICAL DATA

<b>Dimension suitcase</b>	mm	900X305x100
<b>Weight suitcase +antenna</b>	kg	5.2
<b>Weight only antenna</b>	kg	1.9
<b>Mounting</b>		
Impugnatura a mano		Handheld
Sul palo del mezzo		on mast of mobile vehicles Ø 30mm
Mobile Ø 30 mm.		
sul cavalletto/tripode		on tripod Ø 30 mm.

## MATERIALS

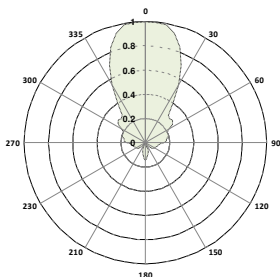
Anticorodal aluminium -Brass-Teflon-Polycarbonate  
- Polyvinyl chloride - RoHS compliance

## ACCESSORIES

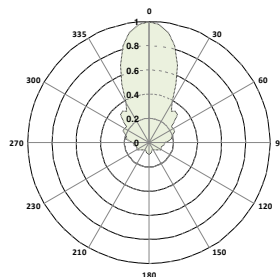
**TRIPODE01** | TRIPOD 1.8 mt.

## ORDERING AND PACKAGING INFORMATIONS

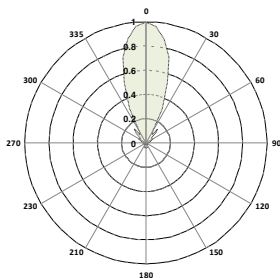
ARK102XZ | COMPLETE HANDHELD SET LTE-GSM  
PACKAGING mm. | 950x310x110 / weight 5.5 Kg



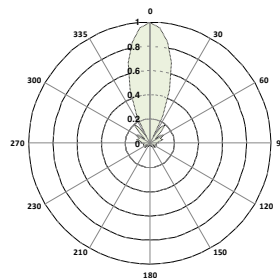
815 Mhz E plane



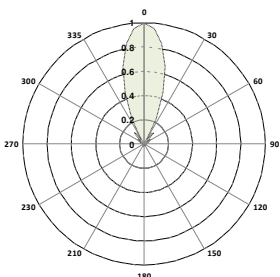
815 Mhz H plane



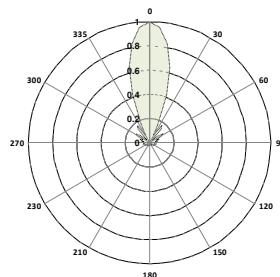
915 Mhz E plane



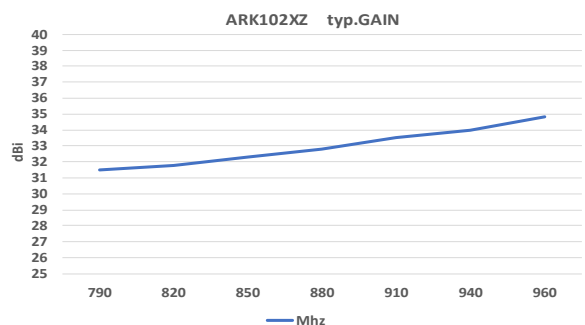
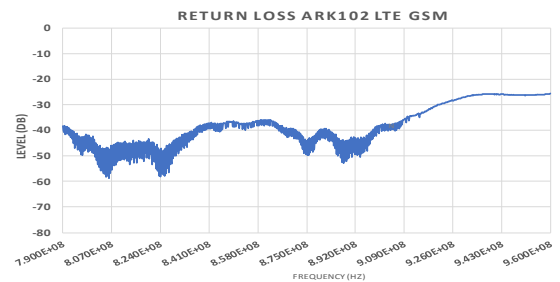
915Mhz H plane



950 Mhz E plane



950 Mhz H plane



In relazione alle normative in materia di responsabilità sui prodotti, segnaliamo che nel caso di utilizzo delle nostre antenne in condizioni operative particolari, quali ad esempio forti sollecitazioni dinamiche dovute a vento, vibrazioni o deformazioni delle strutture di sostegno, si possono verificare rotture del prodotto stesso e/o la caduta a terra. L'installatore che deve essere altamente qualificato, deve conoscere le normative nazionali di sicurezza in vigore, deve seguire le informazioni contenute nelle nostre istruzioni, deve verificare sempre l'adeguatezza del prodotto stesso alle condizioni operative del sito di installazione e deve controllare l'installazione operando la manutenzione periodica dell'impianto. --- In relation to the laws concerning product liability, we notify you that in case you use our antennas in severe operative conditions such as, for example, strong wind, vibrations or distortions of the support structure, the product can break and/or fall down. The person who install the product must be skilled, must know the national security law in force, must follow the product instructions, must check that the product is compatible with the installation site and must control the installation with periodical maintenance.

