



# Portable set ARK101XZ

HANDHELD INTERFERENCE FINDER

## LTE ÷ GSM ÷ DCS ÷ UMTS MHz



### ELECTRICAL DATA

<b>Frequency range A-B</b>	MHz	790÷960/1710÷2170
<b>Frequency range C</b>	MHz	2500÷2700
<b>Gain max .</b>	dBi	(A)14 (B)16 (C)16
<b>VSWR</b>	dB	≤ 1.5:1
<b>Return loss</b>	dB	≥ -14
<b>Nominal impedance</b>	Ω	50
<b>Polarization</b>	Ω	V-H
<b>H beamwidth 900 Mhz</b>	-3 dB	34
<b>H beamwidth 1800 Mhz</b>	-3 dB	14
<b>H beamwidth 2100 Mhz</b>	-3 dB	14
<b>H beamwidth 2600 Mhz</b>	-3 dB	25
<b>E beamwidth 900 Mhz</b>	-3 dB	35
<b>E beamwidth 1800 Mhz</b>	-3 dB	14
<b>E beamwidth 2100 Mhz</b>	-3 dB	14
<b>E beamwidth 2600 Mhz</b>	-3 dB	24
<b>Connector cable</b>		N 2 mt.cable BWL195 Nf
<b>Lightning protection</b>	All metal parts are D.C. grounded	

### MECHANICAL DATA

<b>Dimension box</b>	mm	1000X700x300
<b>Numbers of antennas</b>		3
<b>Weight</b>	kg	4.5
<b>Mounting</b>	Special hand H./tripode ø25÷50mm.	

### MATERIALS

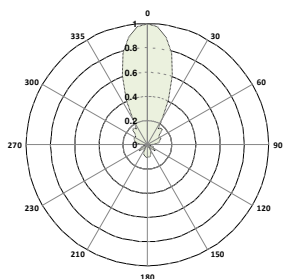
Anticorodal alluminium - Brass - Teflon - Polyvinyl chloride - RoHS compliance

### ACCESSORIES

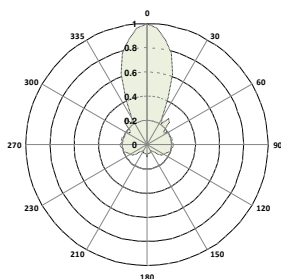
<b>TRIPODE01</b>	TRIPODE 1.8 mt.
<b>ARK101BOX</b>	suit cases

### ORDERING AND PACKAGING INFORMATIONS

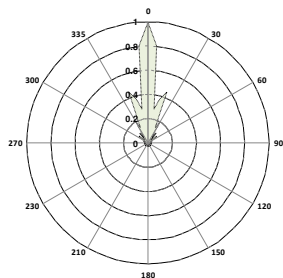
<b>ARK101XZ</b>	COMPLETE SET LTE-GSM-DCS-UMTS
<b>PACKAGING mm.</b>	1100x800x300 / weight 5 Kg



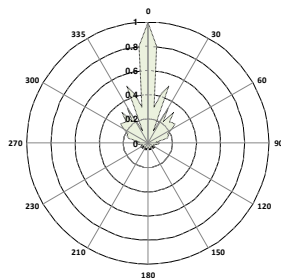
900 Mhz E plane



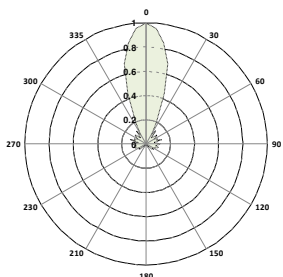
900 Mhz H plane



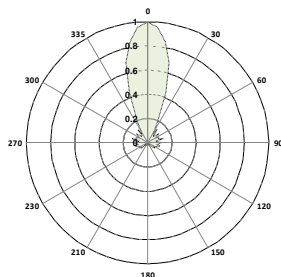
2100 Mhz E plane



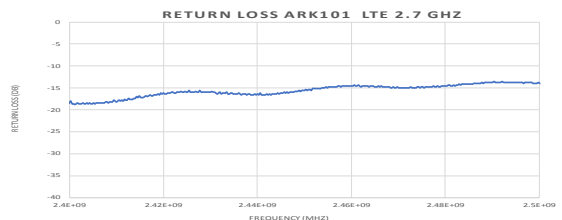
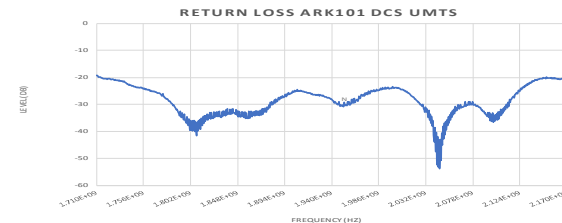
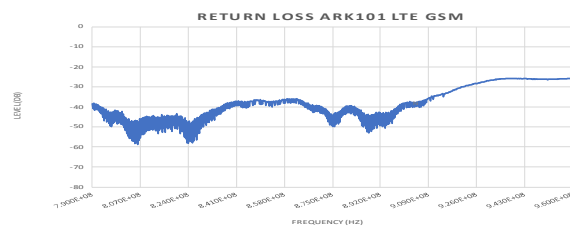
2100 Mhz H plane



2700 Mhz E plane



2700 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.

Updating  
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PROTEL reserves the right to amend or modify the products described in this brochure at any time without prior notification in order to improve the design and supply the best possible product.

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