



### ELECTRICAL DATA

<b>Frequency range A</b>	MHz	2400÷2700
<b>Frequency range B</b>	MHz	3400÷3700
<b>Frequency range C</b>	MHz	5100÷5850
<b>Gain max . A</b>	dBi	16
<b>Gain max . B</b>	dBi	18
<b>Gain max . C</b>	dBi	20
<b>Return loss</b>	dB	≥ -12
<b>VSWR</b>		≤ 1.7:1
<b>Nominal impedance</b>	Ω	50
<b>Polarization</b>	Ω	V/H
<b>H beamwidth2500Mhz</b>	-3 dB	25°
<b>H beamwidth3500Mhz</b>	-3 dB	20°
<b>H beamwidth5500Mhz</b>	-3 dB	15°
<b>E beamwidth2500Mhz</b>	-3 dB	24°
<b>E beamwidth3500Mhz</b>	-3 dB	18°
<b>E beamwidth5500Mhz</b>	-3 dB	14°
<b>Max Power</b>	W	50 W
<b>Connector</b>		Nf
<b>Lightning protection</b>	All metal parts are D.C. grounded	

### MECHANICAL DATA

<b>Dimension length</b>	mm	Ø260X170
<b>Elements numbers</b>		1
<b>Weight without clamp</b>	kg	1.3
<b>Wind surface</b>	m²	Front 0.1 side 0.04
<b>Front wind load</b>	Kg	4 ( 25 m/s )
<b>Side wind load</b>	Kg	1.4 ( 25 m/s )
<b>Mounting +/- 90°</b>	mm	Ø35÷55 / HAND HELD

### MATERIALS

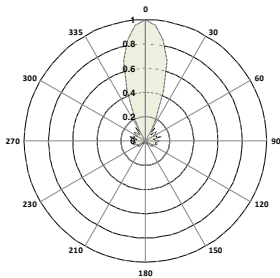
Anticorodal aluminium - Brass - Teflon  
- Polyvinyl chloride - RoHS compliance-

### ACCESSORIES

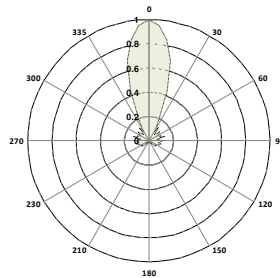
<b>BAGARBF</b>	Transport bag
<b>ARBFHH</b>	hand held clamp

### ORDERING AND PACKAGING INFORMATIONS

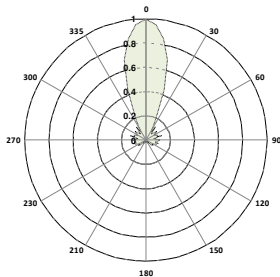
ARBFAXZ	2400÷2700 Mhz
ARBFBXZ	3400÷3700 Mhz
ARBFXXZ	5100÷5850 Mhz
<b>PACKAGING mm.</b>	600x400x250 / weight 2.5 Kg



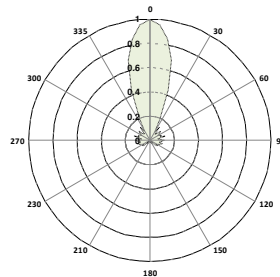
2500 Mhz E plane



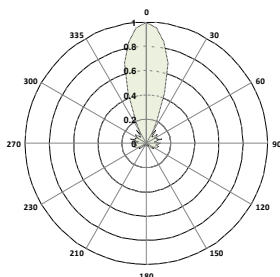
2500 Mhz H plane



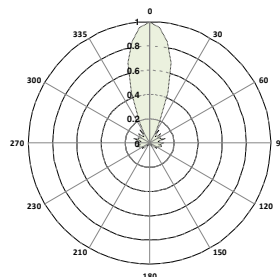
3500 Mhz E plane



3500 Mhz H plane



5500 Mhz E plane



5500 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.