

ELECTRICAL DATA

Frequency range A	MHz	87.5÷108
Bandwidth	MHz	20.5
Gain max .	dBi	2.2
Return loss	dB	87.5-108 Mhz ≥ -12
Return loss	dB	90 - 104 Mhz ≥ -14
Nominal impedance	Ω	50
Polarization	Ω	V
H beamwidth 98 Mhz	-3 dB	360°
E beamwidth 98 Mhz	-3 dB	90°
Max Power	W	500 W
Connector		Nf
Lightning protection	All metal parts are D.C. grounded	

MECHANICAL DATA

Dimension length	mm	750XØ130
Elements numbers		4
Weight without clamp	kg	1.9
Wind surface	m ²	0.05
Front wind load	Kg	2.1 (25 m/s)
Mounting	mm	Ø 30

MATERIALS

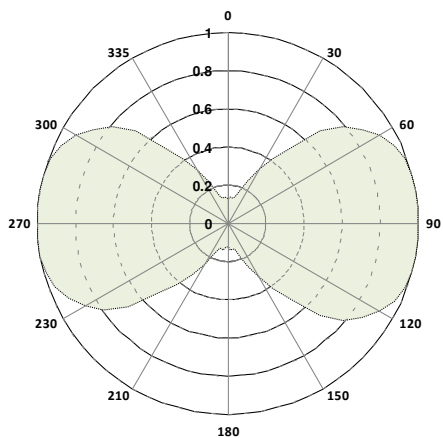
Anticorodal aluminium - Brass - Teflon
- Polyvinyl chloride - RoHS compliance

ACCESSORIES

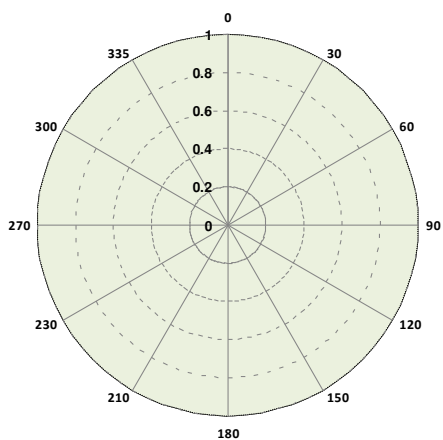
SUPIS01	Isolation fiberglass pole ø 35 x 1000
BAG213xz	Transport bag

ORDERING AND PACKAGING INFORMATIONS

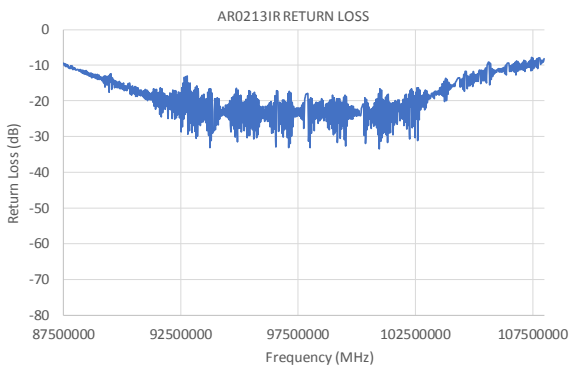
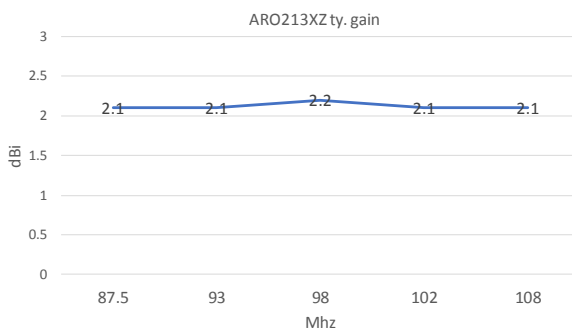
ARO213XZ	With unscrewed elements
ARO213IXZ	With folding elements
PACKAGING mm.	900x150x150 / weight 3 Kg without clamps



98 Mhz E plane



98 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 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.