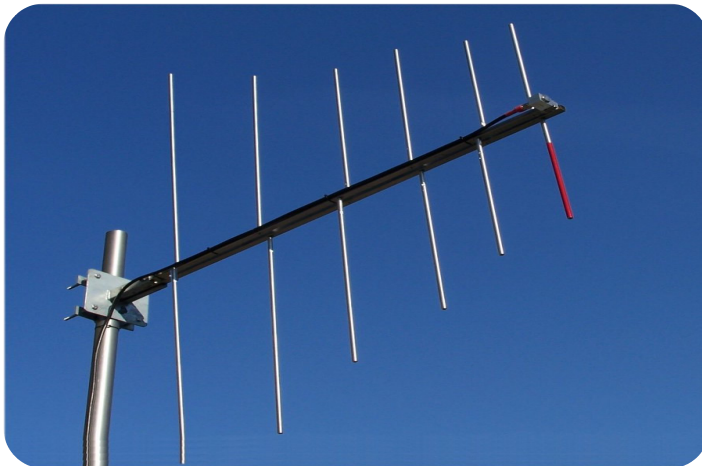










# Antenna type ARLO206..

DIRECTIONAL BROADBAND FM ANTENNA

**87.5 ÷ 108** MHz



-  FM BROADBAND LOGARITHMIC ANTENNA
-  DIRECTIONAL PATTERN
-  LINEAR POLARIZATION
-  HIGH MECHANICAL PERFORMANCE
-  STAINLESS STEEL ANTENNA
-  Nf ( 700w ) or 7/16 ( 2000 w ) CONNECTOR

● antenna logaritmica periodica a banda larga FM 87.5-108 Mhz. Costruita in acciaio inox. Estrema robustezza e pulizia del diagramma di radiazione con assenza totale di lobi secondari. E' adatta per essere impiegata in sistemi collineari ad alto guadagno e forti rapporti di protezione. Tutta l'antenna è elettricamente a massa. Fornita di serie con connettore Nf ( 700w ) o 7/16 ( 2000 w )

● *Broadband Log-Periodic FM Antenna 87.5-108 MHz. Manufactured from stainless steel. Exceptional mechanical strength and a clean radiation pattern with complete absence of side lobes. Suitable for use in high-gain collinear systems with strong protection ratios. The entire antenna is DC-grounded. Supplied as standard with N-f connector (700 W) or 7/16 connector (2000 W).*

● *Antenne logarithmique périodique large bande FM 87,5-108 MHz. Fabriquée en acier inoxydable. Robustesse mécanique exceptionnelle et diagramme de rayonnement net avec absence totale de lobes secondaires. Convient pour une utilisation dans des systèmes collinéaires à gain élevé et à forts rapports de protection. L'ensemble de l'antenne est mis à la masse électriquement. Fournie de série avec connecteur N-f (700 W) ou 7/16 (2000 W).*

## ELECTRICAL DATA

<b>Frequency range A</b>	MHz	87.5 ÷ 108
<b>Bandwidth</b>	MHz	20.5
<b>Gain max.</b>	dBi	8
<b>number of elements</b>		6
<b>Return loss</b>	dB	≥ -14
<b>VSWR</b>		≤ 1.5:1
<b>Nominal impedance</b>	Ω	50
<b>Polarization</b>	Ω	V/H
<b>H beamwidth typ.</b>	-3 dB	100°
<b>E beamwidth typ.</b>	-3 dB	55°
<b>Max Power</b>	W	700W - 2 kW
<b>Connector</b>		X Nf (700w) o W7/16 (2 KW)
<b>Lightning protection</b>	All metal parts are D.C. grounded	

## MECHANICAL DATA

<b>Dimension length</b>	mm	L 1572-H 1890-P 70
<b>Weight without clamp</b>	kg	8.8 ( inox )
<b>Wind surface</b>	m <sup>2</sup>	Front 0.07 side 0.22
<b>Front wind load</b>	Kg	9 ( 160 Km/h )
<b>Side wind load</b>	Kg	45 ( 160 Km/h )
<b>Mounting</b>	mm	∅ 60 ÷ 114

## MATERIALS

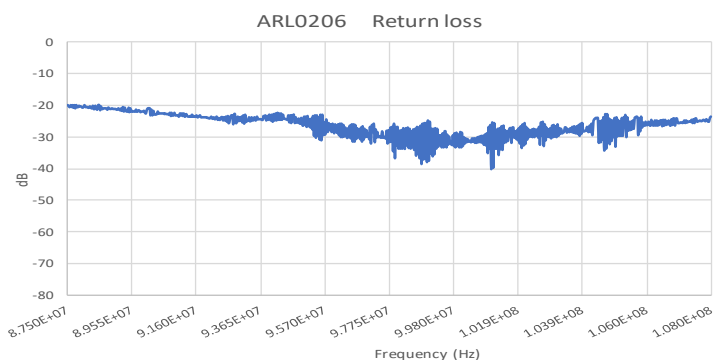
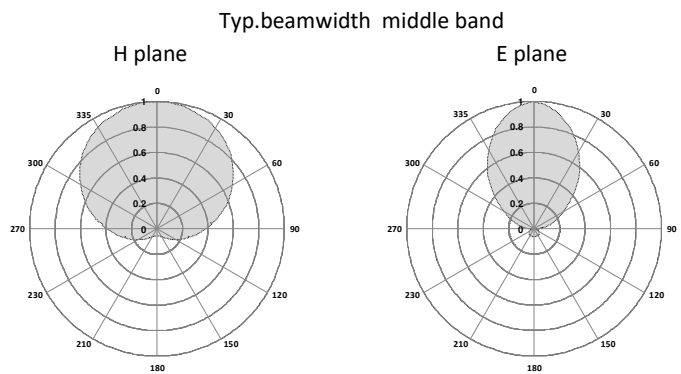
Stainless steel – Teflon – Brass –

## ACCESSORIES

**ARLO206F** 1xCLAMP stainless steel/weight 3 Kg

## ORDERING AND PACKAGING INFORMATION

ARLO206XZ Nf connector  
 ARLO206WZ 7/16f connector  
 PACKAGING 1600x200x200 mm./ weight 11.5 Kg



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  
05/2018

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