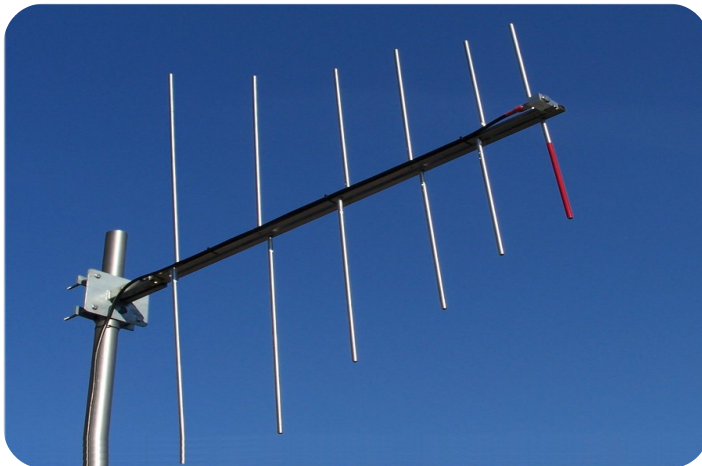




# Antenna type ARL0206..

DIRECTIONAL BROADBAND FM ANTENNA

**87.5 ÷ 108** MHz



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

• antenna logaritmica periodica a banda larga FM 87.5-108 Mhz. Costruita in acciaio inox ed elementi in alluminio o acciaio inox. Estrema pulizia del diagramma di radiazione ed assenza 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 logarithmic periodic antenna for FM 87.5 -108 Mhz band. Made of stainless steel and aluminum or stainless steel elements. Extreme cleaning of the radiation pattern and absence of secondary lobes. It is suitable for use in high gain collinear systems and strong protection ratios. Designed for use in areas with severe climatic conditions. Supplied as standard with Nf (700w) or 7/16 (2500w) connector

• Antenne logarithmique périodique à large bande FM 87.5-108 Mhz. Elle est construite en acier inoxydable et des éléments en aluminium ou en acier inoxydable. Extrême propreté du diagramme de radiation et absence des lobes secondaires. Elle est adaptée à être utilisée dans les systèmes colinéaires à gain élevé et solides rapports de protection. Toute l'antenne est électriquement mise à la masse. Elle est fournie en standard avec connecteur Nf ( 700w ) o 7/16 ( 2000 w )

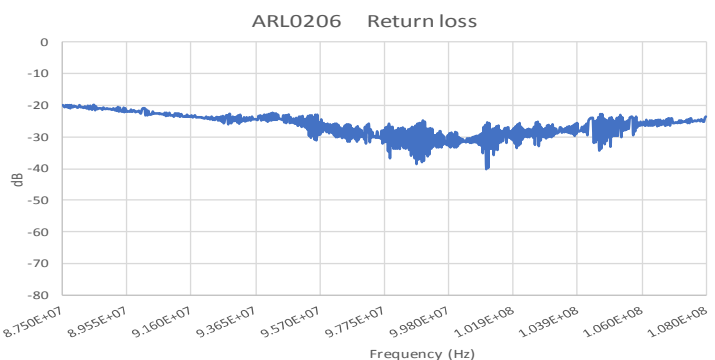
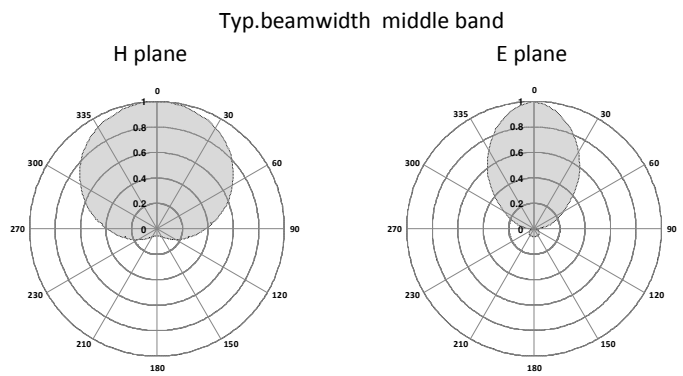
ELECTRICAL DATA		
<b>Frequency range A</b>	MHz	87.5 ÷ 108
<b>Bandwidth</b>	MHz	20.5
<b>Gain max.</b>	dBi	8
<b>Return loss</b>	dB	≥ -14
<b>VSWR</b>		≤ 1.5:1
<b>Nominal impedance</b>	Ω	50
<b>Polarization</b>	Ω	V/H
<b>H beamwidth typ.</b>	-3 dB	100°
<b>E beamwidth typ.</b>	-3 dB	55°
<b>Max Power</b>	W	700W - 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	7.4 (all.) 8.8 ( inox )
<b>Wind surface</b>	m²	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		
<b>ARL0206F</b>	1xCLAMP	hot-dip galvanizing /weight 3.5 Kg

ORDERING AND PACKAGING INFORMATIONS		
ARL0206. <b>A</b>	stainless-steel boom and alluminium elements	
ARL0206. <b>I</b>	stainless-steel boom and stainless-steel elements	
<b>PACKAGING mm.</b>	1800x200x200 / weight 11 Kg without clamp	



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 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 installation is compatible with the installation with periodical maintenance.

Updating  
05/2018

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