

## MOD. AR1031.1 – COD. ARL68910.1XZ



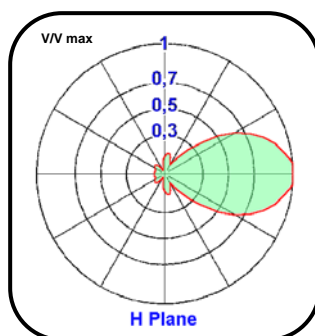
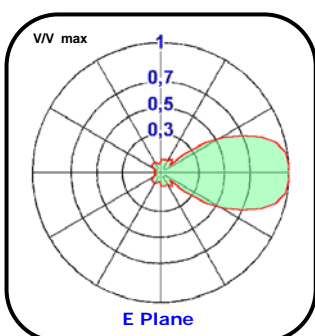
Antenna logaritmica a larga banda utilizzabile per servizi : **LTE/GSM/DCS/UMTS/WIRELESS**. Usata su microcelle ed estensori di campo. La completa copertura in vetroresina la rende utilizzabile anche in condizioni climatiche difficili.

*Logarithmic broadband antenna to be used for **LTE/GSM/DCS/UMTS/WIRELESS** services. For microcells and repeaters. The fiberglass radome allows to use the antenna even in severe weather conditions.*

ELECTRICAL DATA		
Frequency range	MHz	700÷960/1710÷2700
Bandwidth	MHz	260/990
Gain typ. GSM / DCS	dBi	7 / 8
Gain typ. UMTS / LTE		9.5
VSWR		≤1.5
Nominal impedance	Ω	50
Polarization		V
E beamwidth GSM-DCS	-3 dB	60°
E beamwidth UMTS-LTE		40°
H beamwidth GSM-DCS	-3 dB	90°
H beamwidth UMTS-LTE		60°
Front back ratio	dB	≥15
Max Power	W	100
Connector		N female
Lightning protection	All metal parts are D.C. grounded	

MECHANICAL DATA		
Dimension length	mm	340 x 215 x 65
Weight	Kg	1
Ice protection	Fiberglass full radome	

MATERIALS	
Aluminium – Teflon – Stainless steel	



## MOD. AR1026.Z – COD. ARLP67892012.Z



Antenna logaritmica **TRIBANDA**, studiata appositamente per coperture a larga banda in gallerie. Copertura in vetroresina fornita di serie.

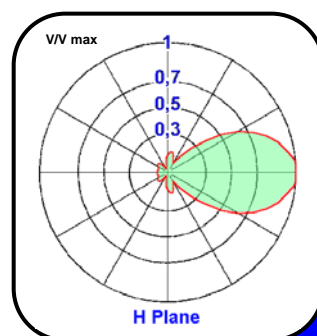
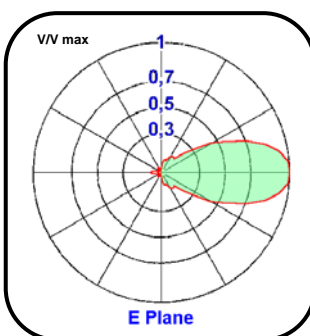
*Logarithmic **TRI-BAND** antenna, especially suitable for tunnel broadband coverage. Supplied with fiberglass radome.*

ELECTRICAL DATA		
Frequency range	MHz	870÷2170
Bandwidth	MHz	1300
Gain typ.	dBi	12
VSWR		≤1.5
Nominal impedance	Ω	50
Polarization		V
E beamwidth typ.	-3 dB	40°
H beamwidth typ.	-3 dB	50°
Front back ratio	dB	≥25
Max Power	W	N=100 7/16=100
Connector		N or 7/16 female
Lightning protection	All metal parts are D.C. grounded	

MECHANICAL DATA		
Dimension length	mm	∅ 330 x 1000
Weight	Kg	5
Mounting	mm	∅ 40÷114
Ice protection	Fiberglass full radome	

MATERIALS	
Aluminium – Teflon – Brass – Stainless steel	

ACCESSORIES			
CODE	TYPE	DIMEN.	WEIGHT
AR1026F	1 clamp	∅ 40-80	2.7 kg.
AR1026T	2 tilt clamps	∅ 40-114	4.2 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 in 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 winds, vibrations or distortions of the support structure, the product can break and/or fall down. The person who installs 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.