

## 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.

