

MOD. AR1021.1 – COD. ARYL62117.1Z



Antenna direzionale per la banda LTE-GSM-GSM-R, studiata per coperture in gallerie.

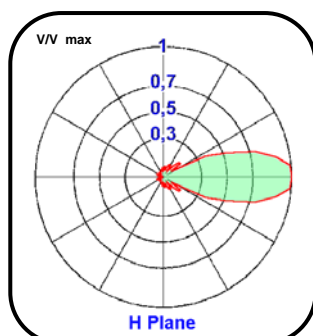
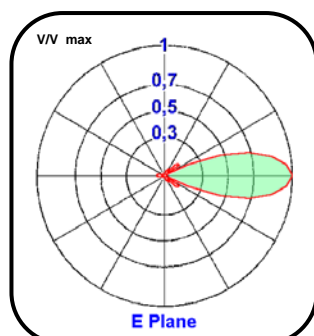
Directional antenna for LTE-GSM-GSM-R mobile band. Especially suitable for tunnels coverage.

ELECTRICAL DATA		
Frequency range	MHz	790÷980
Bandwidth	MHz	190
Gain typ.	dBi	16
VSWR		≤1.5
Nominal impedance	Ω	50
Polarization		V
E beamwidth typ.	-3 dB	28°
H beamwidth typ.	-3 dB	30°
Front back ratio	dB	≥25
Max Power	W	N⇒100 7/16⇒200
Connector		N or 7/16 female
Lightning protection	All metal parts are D.C. grounded	

MECHANICAL DATA		
Dimension length	mm	∅ 330 x 1330
Weight	Kg	6.5
Ice protection	Fiberglass full radome	

MECHANICAL DATA	
Aluminium – Teflon – Brass – Stainless steel	

ACCESSORIES			
CODE	TYPE	DIMEN.	WEIGHT
AR1021F	1 clamp	∅ 40-80	2.7 Kg.
AR1021T	2 tilt clamps	∅ 40-114	4.2 Kg.
AR1021RI	Fireproof radome		



MOD. AR1020.1 – COD. ARYL62418.1Z



Antenna direzionale per la banda radiomobile, ideale per coperture di gallerie e valli montane.

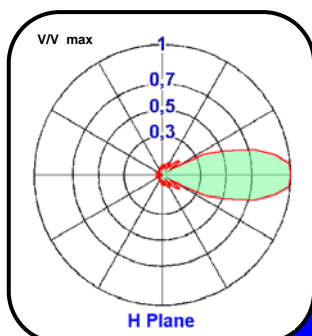
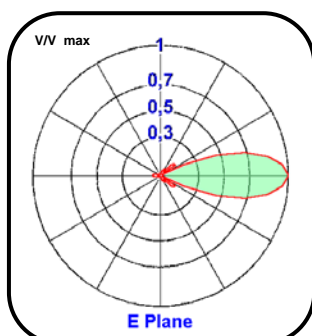
Directional antenna for LTE-GSM-GSM-R mobile band. Especially suitable for tunnels coverage and mountain valleys.

ELECTRICAL DATA		
Frequency range	MHz	790÷980
Bandwidth	MHz	190
Gain typ.	dBi	16.5
VSWR		≤1.5
Nominal impedance	Ω	50
Polarization		V
E beamwidth typ.	-3 dB	27°
H beamwidth typ.	-3 dB	28°
Front back ratio	dB	≥25
Max Power	W	N⇒100 7/16⇒200
Connector		N or 7/16 female
Lightning protection	All metal parts are D.C. grounded	

MECHANICAL DATA		
Dimension length	mm	∅ 330 x 1570
Weight	Kg	6.5
Ice protection	Fiberglass full radome	

MATERIALS	
Aluminium – Teflon – Brass – Stainless steel	

ACCESSORIES			
CODE	TYPE	DIMEN.	WEIGHT
AR1020F	1 clamp	∅ 40-80	2.7 Kg.
AR1020T	2 tilt clamps	∅ 40-114	4.2 Kg.
AR1020RI	Fireproof radome		



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 product is compatible with the installation site and must control the installation with periodical maintenance.