










-  LTE GSM BROADBAND YAGI ANTENNA
-  HIGH GAIN DIRECTIONAL PATTERN
-  LINEAR POLARIZATION
-  FULL FIBERGLASS FIREPROFF RADOME*
-  HIGH MECHANICAL PERFORMANCE
-  SPECIAL FOR TUNNEL
-  RAILWAY – HIGHWAY - SUBWAY

Antenna direzionale ad alto guadagno per la banda LTE, GSM 695÷915 Mhz. Studiata per impieghi fissi e mobili. Costruita di serie con copertura di protezione contro urti e agenti atmosferici in vetroresina * anche in versione ignifuga. Tutta le parti dell'antenna sono elettricamente a massa. Utilizzabile principalmente per la copertura radio in gallerie autostradali ferroviarie e metropolitane.

*High gain directional antenna for the LTE band, GSM 695÷915 Mhz. Designed for fixed and mobile use. Built as standard with a protective cover against shocks and atmospheric agents in fiberglass * also in a fireproof version. All parts of the antenna are electrically grounded. It can be used mainly for radio coverage in highways, railway and underground tunnels.*

ELECTRICAL DATA

Frequency range	MHz	695 ÷ 915
Bandwidth	MHz	220
Gain max.	dBi	15
Return loss	dB	≥ -14
VSWR		≤ 1.5:1
Nominal impedance	Ω	50
Polarization		V
H beamwidth typ.	-3 dB	30°
E beamwidth typ.	-3 dB	28°
Max Power	W	200
Connector		7/16 F
Lightning protection	All metal parts are D.C. grounded	

MECHANICAL DATA

Dimension length	mm	∅ 330 x 1590
Weight without clamp	kg	5.5
Wind load (160 Km/h)	N	290
Mounting	mm	∅ 40 ÷ 114 *

MATERIALS

Aluminium – Teflon – Brass –

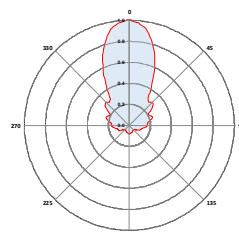
ACCESSORIES

AR1051.1F	1 clamps	hot-dip galvanizing	
AR1051.1Fi	3 Kg	316 stainless steel	∅ 40x80
AR1051.1T	2 clamps	hot-dip galvanizing	
AR1051.1Ti	4.2kg	316 stainless steel	∅ 40x114

AR1051.1RI fiberglass FLAME RETARDANT RADOME

ORDERING AND PACKAGING INFORMATION

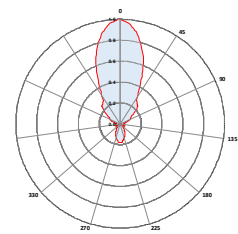
Packaging	1700x410x410 mm. Kg 10
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700 Mhz

H - E

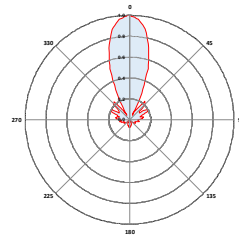
40° - 36°



790 Mhz

H - E

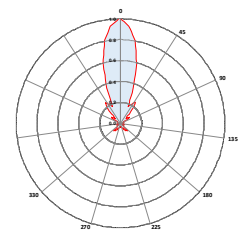
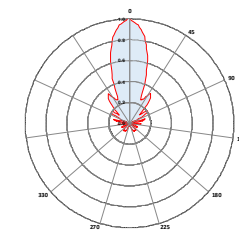
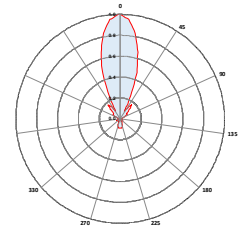
30° - 28°



910 Mhz

H - E

28° - 24°



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 site and must control the installation with periodical maintenance.