









-  **MIMO BROADBAND YAGI ANTENNA**
-  **LINEAR POLARIZATION**
-  **HIGHT GAIN DIRECTIONAL PATTERN**
-  **FIREPROOF RADOME***
-  **HIGHT MECHANICAL PERFORMANCE**
-  **SPECIAL FOR LINK AND TUNNEL COVERAGE**

- Antenna direzionale ad alto guadagno per la banda GSM-LTE-DCS-UMTS 1710÷ 2170 Mhz. Studiata per impieghi in zone con condizioni climatiche anche molto rigide. Su richiesta é possibile inserire il radome ignifugo. Tutta l'antenna è elettricamente a massa. Utilizzabile per coperture radio in gallerie autostradali, ferroviarie e metropolitane.

-High-gain directional antenna for GSM-LTE-DCS-UMTS 1710÷ 2170 Mhz.

Designed for fixed and mobile applications, mainly used for railway, underground and motorway tunnels radio coverage. The antenna is electrically grounded. Created with a protective cover in fiberglass to shield the antenna against shocks and atmospheric agents, cover also available in a fireproof version.

-Antenne directionnelle à gain élevé pour la bande GSM-LTE-DCS-UMTS 1710÷ 2170 Mhz. Elle est conçue pour être utilisée dans des zones avec des conditions climatiques aussi très difficiles. Sur demande, il est possible d'insérer le radôme ignifuge. L'antenne est électriquement mise à la terre. Peut être utilisée pour les couvertures radio dans les tunnels autoroutières, ferroviaires et du métró.

ELECTRICAL DATA

Frequency range A	MHz	1710 ÷ 2170
Bandwidth	MHz	460
Gain max.	dBi	15
Return loss	dB	≤-14
Nominal impedance	Ω	50
Polarization	-	+/- 45°
H beamwidth typ.	-3 dB	25°
E beamwidth typ.	-3 dB	25°
Front back ratio typ.	≥dB	25
Max Power	W	200
Connector		4.3/10
Lightning protection	All metal parts are D.C. grounded	

MECHANICAL DATA

Dimension length	mm	Ø135x750
Weight	kg	4
Lat. wind load 160km/h	N	90
Ice protection radome	Fiberglass *fireproof	
Mounting	Ø 80 mm	

MATERIALS

Aluminium- Teflon - Brass - Pc -

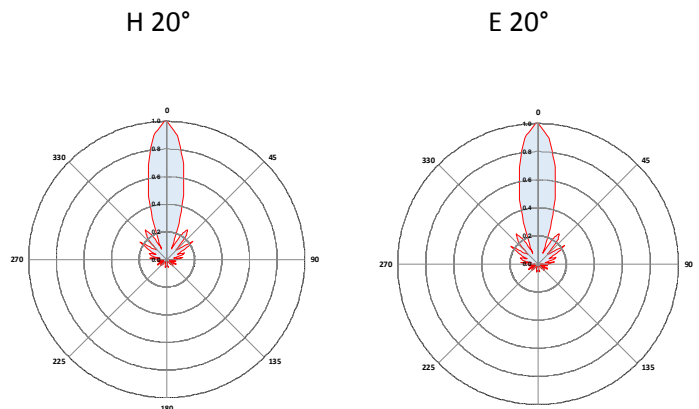
ACCESSORIES

CODE	TYPE		
AR1041.1YQI	FIREPROOF	radome	

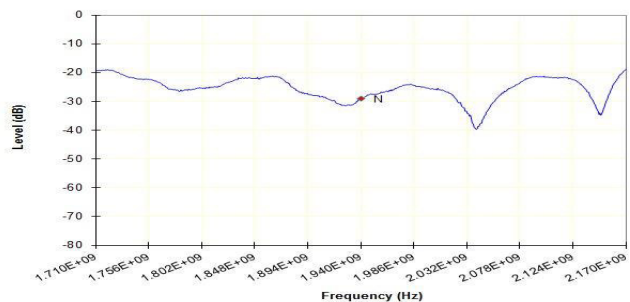
ORDERING INFORMATIONS AND PACKAGING

1000x150x150

2100 Mhz beamwidth



AR1041.1 typical return loss



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.