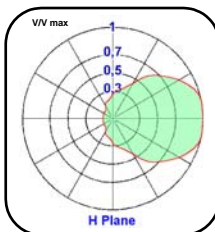
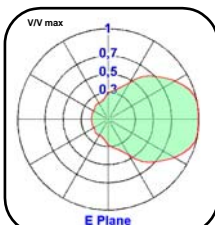


## MIMO BROADBAND SPECIAL DIRECTIONAL ANTENNAS

Antenne direzionali a doppia alimentazione indipendente, con possibilità di collegare entrambe le polarizzazioni contemporaneamente, ideali per coperture in gallerie.

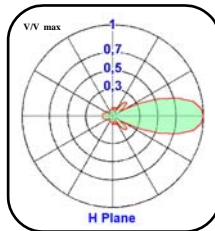
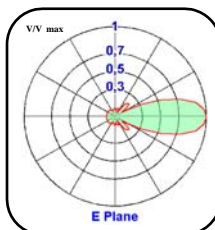
*Directional antennas with double independent feeding and possibility of using both polarization at the same time, especially suitable for tunnels coverage.*

### MOD. ARB9210 – COD. ARB9210X.



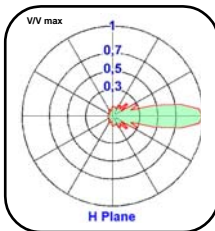
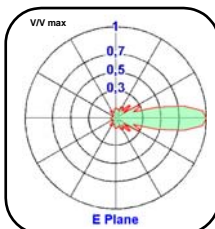
ELECTRICAL DATA		
Frequency range	MHz	2300÷2600
Bandwidth	MHz	300
Gain typ.	dBi	10
VSWR		≤1.5
Nominal impedance	Ω	50
Isolation		≥15
Polarization	dB	V-H-M ± 45°
E beamwidth typ.	-3 dB	65°
H beamwidth typ.	-3 dB	50°
Front back ratio	dB	≥25
Max Power	W	50
Connector		N
Lightning protection	All metal parts are D.C. grounded	
MECHANICAL DATA		
Dimension length	mm	∅ 220 x 170
Weight	Kg	1.5
Mounting clamps	mm	∅ 40 x 114 - 2.5 Kg
Ice protection	Fiberglass full radome	
Ordering Informations	Cod.ARB9210XZ=1 connector output Cod.ARB9210XQ=2 connectors output	

### MOD. ARB91816 – COD. ARB91816X.



ELECTRICAL DATA		
Frequency range	MHz	2300÷2600
Bandwidth	MHz	300
Gain typ.	dBi	15.5
VSWR		≤1.5
Nominal impedance	Ω	50
Isolation		≥16
Polarization	dB	V-H-M ± 45°
E beamwidth typ.	-3 dB	18°
H beamwidth typ.	-3 dB	18°
Front back ratio	dB	≥25
Max Power	W	50
Connector		N
Lightning protection	All metal parts are D.C. grounded	
MECHANICAL DATA		
Dimension length	mm	∅ 220 x 680
Weight	Kg	3.8
Mounting clamps	mm	∅ 40 x 114 - 2.5 Kg
Ice protection	Fiberglass full radome	
Ordering Informations	Cod.ARB91816XZ=1 connector output Cod.ARB91816XQ=2 connectors output	

### MOD. ARB92417 – COD. ARB92417X.



ELECTRICAL DATA		
Frequency range	MHz	2300÷2600
Bandwidth	MHz	300
Gain typ.	dBi	17
VSWR		≤1.5
Nominal impedance	Ω	50
Isolation	dB	≥16
Polarization	dB	V-H-M ± 45°
E beamwidth typ.	-3 dB	14°
H beamwidth typ.	-3 dB	14°
Front back ratio	dB	≥25
Max Power	W	50
Connector		N
Lightning protection	All metal parts are D.C. grounded	
MECHANICAL DATA		
Dimension length	mm	∅ 220 x 1350
Weight	Kg	5.5
Mounting clamps	mm	∅ 40 x 114 - 2.5 Kg
Ice protection	Fiberglass full radome	
Ordering Informations	Cod.ARB92417XZ=1 connector output Cod.ARB92417XQ=2 connectors output	

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 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 wind 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 follow the product instructions, must check that the product is compatible with the installation site and must control the installation with periodical maintenance.