



YAGI ANTENNA DCS-UMTS

Band 1710 ÷ 2170 MHz

T01381902

POLOMARCONI.IT

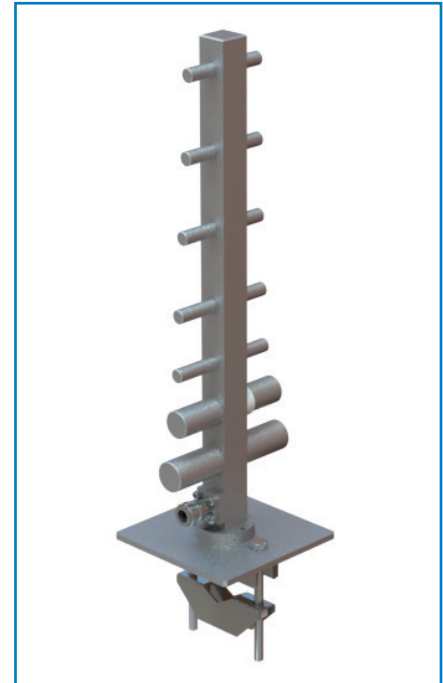


POLOMARCONI offers a very wide range of wireless products.
Our products can be tailored according to the customer's need.

CELLULAR

Electrical Specifications

Frequency Band (MHz)	1710 ÷ 2170	
Impedance (Ω)	50	
VSWR over all band	≤ 1.5	
Polarization	vertical	
Gain (dBi)	DCS	11.5 ± 0.5
	UMTS	12.5 ± 0.5
HPBW (degree) Vertical Plane	46 ± 2	
HPBW (degree) Horizontal Plane	DCS	63 ± 2
	UMTS	55 ± 5
Front to Back Ratio (dB)	> 20	
Continuous Max Power (W)	100	
Op. Temp. Range ($^{\circ}\text{C}$)	$-40 \div 70$	
Lightning Protection	DC Grounded	



Mechanical Specifications

Connector	N f	
Dimensions (mm)	$20 \times 100 \times 330$	
Weight (Kg)	0.76	
Wind Load @ 150 Km/h (N)	16	
Material	aluminium alloy	
Treatment	Nickel plated	
Mounting	$10 \div 50$ mm poles	