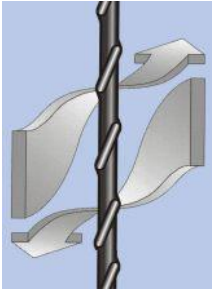


**ATTENTION:** remove the whip before entering in an automatic car-washes.



### **Anti-noise system whip**

Our exclusive anti-noise design produces air movement around the whip, virtually eliminating wind noise.

## **CELLFLEX AM-FM/900/1800**

**Multi band UHF Mobile Antenna**



*Installation Manual*

## DESCRIPTION

Multi-band mobile antenna combining car-radio frequency on AM-FM and cellular systems working on 900 MHz and 1800 MHz. Made of high quality materials guarantee the best performance allowing the use of your mobile phone and your radio equipment in the same time avoiding noises or interferences thanks to the inside built duplexer. Quick installation by means of the enclosed directions and easy replacing of your original car antenna offering a double function antenna (radio and Phone).

## SPECIFICATIONS

### Electrical Data

Type	: FM band	1/4 $\lambda$ helical loaded
	: Cellular bands	1/4 $\lambda$
Frequency range:		
AM / FM bands	: AM	150 KHz-16 MHz; FM 87.5-108 MHz
Cellular bands	: 880-960 MHz for GSM900, D-Netz, NMT900	1710-1880 MHz for GSM1800, DCS1800
Impedance	: AM / FM bands	150 $\Omega$
	: Cellular bands	50 $\Omega$
Radiation	: Omnidirectional	
Polarization	: Linear Vertical	
Gain	: 0 dB ref. to a $\lambda/4$ whip	
SWR in bandwidth	: $\leq 1.8$ (Cellular bands)	
Max Power (CW) @ 30°C	: 20 Watts (Cellular bands)	
Decoupling Radio/Phone	: $\geq 30$ dB	
Cable Length / Type / Connector:		
AM / FM bands	: 165mm / low loss PTFE cable RG 316/U / M10x0.75 male	
Cellular Bands	: 120mm / low loss PTFE cable RG 316/U / FME-male	

### Mechanical Data

Materials	: Nylon, Copper, Fiberglass, Chromed brass
Height (approx.)	: 450 mm
Weight (approx.)	: 110 gr
Mounting hole	: square 15 mm or $\varnothing 18$ mm
Mouning depth	: 12 mm

## MOUNTING INSTUCTIONS

**NOTE:** Be careful during installation. Tighten the exagonal nut by means of the suitable tool using **MAX TIGHTENING TORQUE 3÷4 Nm** to avoid thread damage.

**NOTA:** Porre attenzione durante l'installazione. Per evitare danni al filetto avvitare il dado esagonale utilizzando una chiave adeguata con **COPPIA DI SERRAGGIO MASSIMA 3÷4 Nm**

