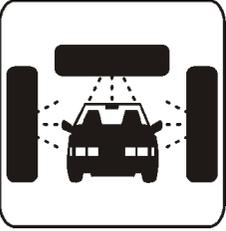
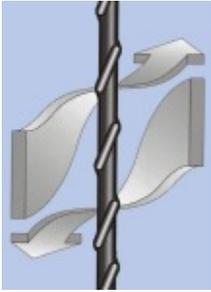


CELLFLEX AM-FM active / 824-960 / 1710-2170

Multi band UHF Mobile Antenna



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.



Installation Manual

DESCRIPTION

Multi-band mobile antenna combining the car-radio AM-FM and cellular systems working on 824-960 MHz and 1710-2170 MHz. It is made of high quality materials to guarantee the best performance. It allows the use of your mobile phone and your radio equipment in the same time avoiding noises or interferences thanks to the in-built amplifier.

SPECIFICATIONS

Electrical Data

Type	: FM band	1/4	helical loaded
	: Cellular bands	1/4	
Frequency range:			
AM / FM bands	: AM	150 KHz-16 MHz;	FM 87.5-108 MHz
Cellular bands	: 824-960 MHz for AMPS, GSM900, D-Netz, NMT900		
		1710-2170 MHz for GSM1800, DCS1800, DCS1900, UMTS	
Impedance	: AM / FM bands	150	
	: Cellular bands	50	
Radiation	: Omnidirectional		
Polarization	: Linear Vertical		
Antenna Gain	: 0 dB ref. to a /4 whip		
Amplifier Gain	: AM band: -4±2 dB; FM band: 3±1 dB		
Voltage Supply	: 10.5 - 16 Volt VDC, negative @ ground		
Current Consumption	: 26 mA @ 13.5 V		
SWR in bandwidth	: 2 (Cellular bands)		
Max Power (CW) @ 30 C	: 20 Watts (Cellular bands)		
Decoupling Radio/Phone	: 20 dB		
Cable Length / Type / Connector:			
AM / FM bands	: 165mm / low loss PTFE cable RG 316/U / ROKA SNAP-male		
Cellular Bands	: 120mm / low loss PTFE cable RG 316/U / FME-male		
Amplifier supply	: 160mm / RED cable (+13.5V) / FASTON-male 6.3mm		
Electronic protections	: Protected from reverse polarity and over voltage		

Mechanical Data

Materials	: Nylon, Copper, Fiberglass, Chromed brass
Height (approx.)	: 450 mm
Weight (approx.)	: 120 gr
Mounting hole	: square 15 mm or 18 mm
Mouning depth	: 12 mm

HI-QUALITY ANTENNAS MADE IN ITALY 

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**

