

MU-40I

MOBILE ANTENNA WITH MAGNETIC BASE

High performance mobile antenna (8.25 dBi) with 2x5/8 wave, NMO standard fixing (whip base), magnetic base and 5m long RG-58 coaxial cable.

The antenna was specifically designed for use in highperformance networks in urban or rural areas where maximum system coverage needs to be achieved.

Being entirely constructed with non-oxidizable materials, the antenna is characterized by the absence of the articulation spring of the radiating element, which was replaced by a highly durable flexible polymer.

The antenna base in "Lexan", fitted with a nitrile rubber sealing ring, has great mechanical rigidity and protection against UV radiation.

Partnumber	Model	Range	Connector
501773	MU-40I	430 / 470 MHz	UM-6
501774	MU-40I	430 / 470 MHz	TM-136
501797	MU-40I	430 / 470 MHz	TM-130

ELECTRICAL SPECIFICATIONS	
VSWR	≤ 1,5:1
Polarization	Vertical
Nominal impedance	50 Ω
Maximum power	150 Watts
Gain	8,25 dBi
Coaxial cable	RG-58 (5 meters)

MECHANICAL SPECIFICATIONS	
Rod diameter	3 mm / 2,6 mm
Total length	935 mm
Weight	0,635 Kg
Fixation	Magnetic base
Area exposed to wind	0,002987 m ²
Withstands winds above	150 Km/h
Basic material	Brass / lexan stainless steel



GUIDELINE CUTTING CHART					
MHz	"L" mm	MHz	"L" mm	MHz	"L" mm
430	366	444	342	458	319
431	365	445	339	459	318
432	363	446	337	460	317
433	362	447	336	461	314
434	361	448	334	462	313
435	360	449	332	463	311
436	358	450	331	464	310
437	356	451	329	465	308
438	354	452	328	466	306
439	352	453	327	467	305
440	351	454	326	468	304
441	350	455	324	469	303
442	347	456	323	470	301
443	345	457	322		