

MU-40

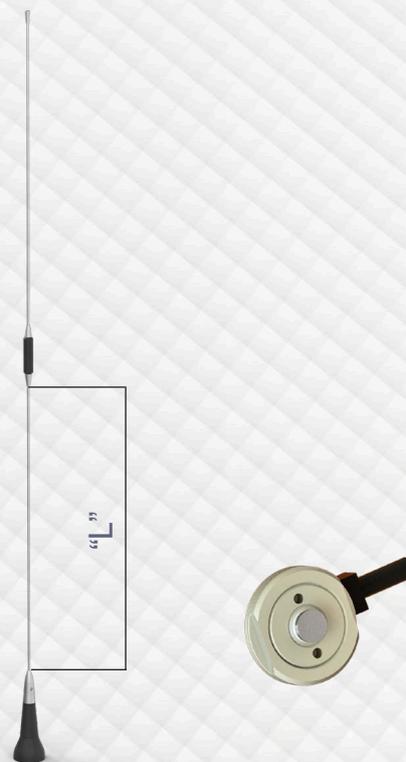
MOBILE ANTENNA

High-performance mobile antenna with 8,25dBi gain with 2x5/8 waveform, NMO standard mounting base (whip base) which comes with a 5 meter long RG-58 coaxial cable.

The antenna was specifically designed to be used in high-performance networks in urban or rural regions where maximum system coverage needs to be obtained.

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

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



Partnumber	Model	Range	Connector
501765	MU-40	430 / 512 MHz	UM-6
501766	MU-40	430 / 512 MHz	UM-5
501767	MU-40	430 / 512 MHz	BM-64
501768	MU-40	430 / 512 MHz	TM-123
501769	MU-40	430 / 512 MHz	TM-136

ELECTRICAL SPECIFICATIONS	
VSWR	≤ 1,5:1
Polarization	Vertical
Nominal impedance	50 Ω
Maximum power	150 Watts
Gain	8,25 dBi

MECHANICAL SPECIFICATIONS	
Rod diameter	3,0 / 2,6mm
Total length	930 mm
Weight	0,185 Kg
Fixation	Ø 19 mm
Wind exposure area	0,002256 m ²
Resists winds	150 Km/h
Basic material	Brass / lexan stainless steel

CUTTING GUIDE TABLE					
MHz	"L" mm	MHz	"L" mm	MHz	"L" mm
430	317	451	272	474	232
431	313	452	271	476	230
432	310	453	270	478	227
433	306	454	268	480	224
434	303	455	267	482	221
435	299	456	264	484	219
436	297	457	261	486	216
437	294	458	258	488	213
438	292	459	255	490	210
439	289	460	252	492	208
440	287	461	251	494	205
441	286	462	249	496	202
442	284	463	248	498	199
443	283	464	246	500	197
444	282	465	245	502	194
445	280	466	243	504	191
446	279	467	242	506	188
447	278	468	240	508	186
448	276	469	239	510	183
449	275	470	238	512	180
450	273	472	235		