



Portable antenna

# M301 to 307

# M401 to 407

## M301 to 307



The antennas M301 to M307 are available for the MSA300 series.

Being installed in the anechoic box or shield box, they are utilized in the wireless test.

Items	M301	M302	M303	M304	M305	M306	M307
Frequency range	0.80~1.00GHz	1.25~1.65GHz	1.70~2.20GHz	2.25~2.65GHz	300~500MHz	4.8~6.2GHz	470~770MHz
Antenna gain	2.15dBi (typ)	2.15dBi (typ)	2.15dBi (typ)	2.15dBi (typ)	2.15dBi (typ)	2.15dBi (typ)	2.15dBi (typ)
VSWR	<1.5	<1.5	<1.8	<1.8	<1.5	<1.8	<1.5
Type	Sleeve	Sleeve	Sleeve	Sleeve	$\lambda/4$ Whip	Sleeve	$\lambda/4$ Whip
Dimensions	7.5 $\phi$ × 250mm	7.5 $\phi$ × 250mm	7.5 $\phi$ × 180mm	7.5 $\phi$ × 180mm	8.0 $\phi$ × 195mm	7.5 $\phi$ × 100mm	8.0 $\phi$ × 123mm
Weight	20g	20g	20g	20g	30g	10g	20g

## M401 to 407



The antennas M401 to M407 are available for the MSA400/MSA500 series.

Items	M401	M402	M403	M404	M405	M406	M407
Frequency range	0.80~1.00GHz	1.25~1.65GHz	1.70~2.20GHz	2.25~2.65GHz	300~500MHz	4.8~6.2GHz	470~770MHz
Antenna gain	2.15dBi (typ)	2.15dBi (typ)	2.15dBi (typ)	2.15dBi (typ)	2.15dBi (typ)	2.15dBi (typ)	2.15dBi (typ)
VSWR	<1.5	<1.5	<1.8	<1.8	<1.5	<1.8	<1.5
Type	Sleeve	Sleeve	Sleeve	Sleeve	$\lambda/4$ Whip	Sleeve	$\lambda/4$ Whip
Dimensions	7.5 $\phi$ × 280mm	7.5 $\phi$ × 280mm	7.5 $\phi$ × 210mm	7.5 $\phi$ × 210mm	8.0 $\phi$ × 212mm	7.5 $\phi$ × 152mm	8.0 $\phi$ × 138mm
Weight	65g	65g	65g	65g	62g	65g	56g