

- Low VSWR makes it ideal for transmitting and receiving applications in various radio equipment.
- Similar characteristics to half-wavelength dipole antennas.

**M301 to 310**

Model	M301	M302	M303	M304	M305	M306	M307	M308	M309	M310
Frequency range	0.8 to 1.0GHz	1.25 to 1.65GHz	1.7 to 2.2GHz	2.25 to 2.65GHz	300 to 500MHz	4.8 to 6.2GHz	470 to 770MHz	3.6 to 4.2GHz	4.4 to 4.9GHz	5.9 to 7.2GHz
Antenna gain	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	0.7dBi(typ)
VSWR	<1.5	<1.5	<1.8	<1.8	<1.5	<1.8	<1.5	<2.0	<2.0	<2.0
Form	sleeve	sleeve	sleeve	sleeve	1/4 $\lambda$ whip	sleeve	1/4 $\lambda$ whip	sleeve	sleeve	sleeve
Connector	SMA(P)	SMA(P)	SMA(P)	SMA(P)	SMA(P)	SMA(P)	SMA(P)	SMA(P)	SMA(P)	SMA(P)
Dimensions	7.5 $\phi$ ×250mm	7.5 $\phi$ ×250mm	7.5 $\phi$ ×180mm	7.5 $\phi$ ×180mm	8.0 $\phi$ ×195mm	16 $\phi$ ×100mm	8.0 $\phi$ ×123mm	16 $\phi$ ×100mm	16 $\phi$ ×100mm	16 $\phi$ ×100mm
Weight	20g	20g	20g	20g	30g	22g	20g	22g	22g	22g

※The specifications of M305 and M307 are those when mounted on our spectrum analyzers.  
 ※The antenna gain and VSWR are the values for the center frequency of the frequency range.

**M401 to 407**

Model	M401	M402	M403	M404	M405	M406	M407
Frequency range	0.8 to 1.0GHz	1.25 to 1.65GHz	1.7 to 2.2GHz	2.25 to 2.65GHz	300 to 500MHz	4.8 to 6.2GHz	470 to 770MHz
Antenna gain	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$	$\geq +1\text{dBi}$
VSWR	<1.5	<1.5	<1.8	<1.8	<1.5	<1.8	<1.5
Form	sleeve	sleeve	sleeve	sleeve	1/4 $\lambda$ whip	sleeve	1/4 $\lambda$ whip
Connector	N(P)	N(P)	N(P)	N(P)	N(P)	N(P)	N(P)
Dimensions	7.5 $\phi$ ×280mm	7.5 $\phi$ ×280mm	7.5 $\phi$ ×210mm	7.5 $\phi$ ×210mm	8.0 $\phi$ ×212mm	16 $\phi$ ×127mm	8.0 $\phi$ ×138mm
Weight	65g	65g	65g	65g	62g	58g	56g

※The specifications of M405 and M407 are those when mounted on our spectrum analyzers.  
 ※The antenna gain and VSWR are the values for the center frequency of the frequency range.  
 ※M406 will be limited stock.

※MICRONIX Corporation reserves the right to make change in design, specification and other information without prior notice.

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