

# RADIO COMMUNICATIONS TEST INSTRUMENTS

## DIPOLE ANTENNA

### MP534A/B, MP651A/B, MP663A

25 to 520 MHz

470 to 1700 MHz

300 to 1000 MHz



\* Tripod sold separately

MP534A



MP663A

These half-wavelength dipole antennas are reference antennas but the element length must be adjusted for each frequency to be measured.

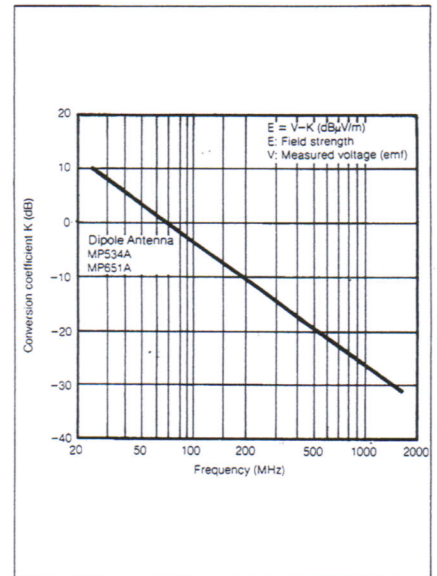
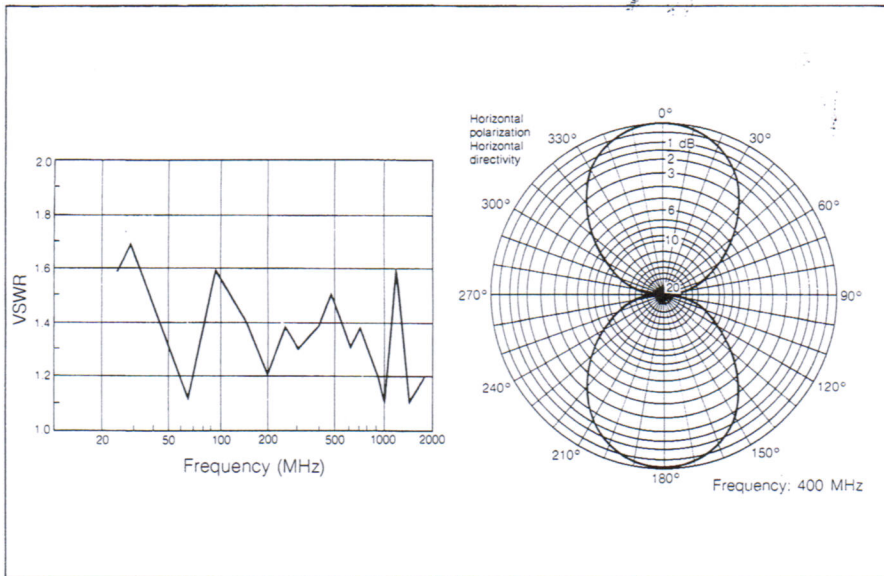
### Specifications

Model	MP534A/B	MP651A/B	MP663A
Antenna type	Half-wavelength dipole		
Frequency range	25 to 520 MHz	470 to 1700 MHz	300 to 1000 MHz
Input impedance	50 Ω (connector: N-type)		
VSWR	≤ 2		
Average relative gain	0 dB		
Maximum input power	1 W (25 to 250 MHz) 10 W (250 to 500 MHz)	10 W	
Front-to-back ratio	0 dB		
Dimensions and mass	200 x 370 x 1300 mm, < 11 kg	50 x 70 x 500 mm, < 2.5 kg	80 x 120 x 640 mm, < 8 kg

### Composition

Model	MP534A	MP534B	MP651A	MP651B	MP663A
Pole	Supplied with MP534A/B, MB18B (sold separately)		MB18A (sold separately) * Not required when used with MP534A/B		Supplied with MP663A
Tripod	MB9A (sold separately)		MB9A (sold separately) * Not required when used with MP534A/B		Supplied with MP663A
Instruments used with	ML518A	ML521 series ML522 series ML524 series	ML518A (with MH650A)	ML522 series ML524 series	ML522 series ML524 series

## Characteristics



## Ordering information

Please specify model/order number, name and quantity when ordering.

Model/Order No.	Name	Remarks
MP534A	<b>Main frame</b> Dipole Antenna	1 set with pole
MP534B	Dipole Antenna	1 set with pole
J0118	<b>Standard accessories</b> Coaxial Cable, 10 m:	1 pc S-5DWPL•5D-2W•S-5DWP (supplied with MP534A)
J0119	Coaxial Cable, 10 m:	1 pc N-LP-55U•RG-55U•N-P-55U (supplied with MP534B)
B0101	Carrying Bag:	1 pc
W0288CE	MP534A/B Instruction Manual:	1 copy
MP651A	<b>Main frame</b> Dipole Antenna	1 set
MP651B	Dipole Antenna	1 set
J0118	<b>Standard accessories</b> Coaxial Cable, 10 m:	1 pc S-5DWPL•5D-2W•S-5DWP (supplied with MP651A)
J0119	Coaxial Cable, 10 m:	1 pc N-LP-55•RG-55/U•NP-55-U (supplied with MP651B)
W0289CE	MP651A/B Instruction Manual:	1 copy
MP663A	<b>Main frame</b> Dipole Antenna	1 set with pole
J0120	<b>Standard accessories</b> Coaxial Cable, 10 m:	1 pc N-P-55U•RG-55/U•N-P-55U
B0102	Carrying Bag:	1 pc
MB9A	Tripod:	1 pc
B0127	Carrying Bag for MB9A:	1 pc
W0290CE	MP663A Instruction Manual:	1 copy
MB9A	<b>Optional accessories</b> Tripod	For MP534A/B or MP651A/B
MB18A	Pole	For MP651A/B