



SPECTRUM ANALYZERS

Functions	Noise measurement	Noise level (dBm/Hz, dBm/ch), C/N (dBc/Hz, dBc/ch)
	Correction	External frequency response can be calibrated by stored correction data (max. 5 sets)
	Save/Recall	Setting conditions and measured waveform data can be stored and recalled in an internal memory (4 sets) and external memory (PMC)
	Direct plotting	Screen information can be output directly to an external printer or plotter via GP-IB.
	External control	GP-IB (IEEE-488), 2 ports
Operating temperature range		0° to 50°C
Power		AC *3 V ⁺¹⁰ ₋₁₅ %, 50/60 Hz, ≤330 VA
Dimensions and weight		177H x 426W x 451D mm, <26 kg

*1 K-connector is a trademark of Wiltron Company.

*2 A K-connector is replaceable with an N-type connector (option 04). When an N-type connector is used, the specifications are guaranteed up to 18 GHz.

*3 Please specify a nominal line voltage between 100 and 240 V when ordering. Maximum operation voltage is 250 V.

Ordering information

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

Model/Order No.	Name	Remarks
MS2802A	Main frame Spectrum Analyzer	100 Hz to 32 GHz/18 to 325 GHz
MS2702A	Spectrum Analyzer	100 Hz to 24.5 GHz
	Standard accessories	
J0524	Coaxial Cord, 1m:	1 pc HRM-202•3D-2W•HRM-202
J0525	Coaxial Adaptor:	1 pc K-J•K-J (option 04: N-P•SMA-J)
P0005	Plug-in Memory Card:	1 pc 32 Kbytes, BS32F1-C-172
F0014	Fuse, 6.3 A:	2 pcs T6.3A250V (for AC 100 V)
F0012	Fuse, 3.15 A:	2 pcs T3.15A250V (for AC 200 V)
J0017	Power Cord, 2.5 m:	1 pc
W0592AE	MS2802A/MS2702A Operation Manual:	1 copy
W0592BE	MS2802A/MS2702A Service Manual:	1 copy
	Options	
MS2802A-01	Crystal Oscillator	Stability: ≤5 × 10 ⁻⁹ /day
MS2802A-02	RS-232C Interface	GP-IB and RS-232C
MS2802A-03	I/O Port Interface	GP-IB and I/O port
MS2702A-01	Reference Crystal Oscillator	Stability: ≤5 × 10 ⁻⁷ /day
MS2702A-02	RS-232C Interface	GP-IB and RS-232C
MS2302A-03	I/O Port Interface	GP-IB and I/O port
MS2702A-04	N(J)-Type Input Connector	Operates from 100 Hz to 24.5 GHz. Specifications are guaranteed up to 18 GHz.
	Optional accessories	
J0526	Coaxial Adaptor	N-J•SMA-J
J0527	Coaxial Cord, 2 ft	K-type connector, DC to 40 GHz
J0309	Coaxial Cord, 1 m	HRM-202B•RG58A/U•HRM-202B
J0007	GP-IB Cable, 1 m	408JE-101
J0008	GP-IB Cable, 2 m	408JE-102
P0006	Plug-in Memory Card	64 Kbytes, BS64F1-C-173
P0007	Plug-in Memory Card	128 Kbytes, BS128F1-C-174
P0008	Plug-in Memory Card	256 Kbytes, BS256F1-C-1175
P0009	Plug-in Memory Card	512 Kbytes, BS512F1-C-1176
MP612A	50 Ω — 75 Ω Impedance Transformer	N-type connector, 10 to 1200 MHz
MB-009	50 Ω — 75 Ω Impedance Transformer	Insertion loss: 6.2 dB, N-type connector, DC to 2 GHz
J0078	High Power Attenuator	20 dB (10 W), N-type connector, DC to 18 GHz
J0064A	Coaxial to 7 GHz Band Waveguide Adaptor	5.8 to 8.6 GHz, N-J•BRJ-7
J0064C	Coaxial to 10 GHz Band Waveguide Adaptor	8.2 to 12.4 GHz, N-J•BRJ-10
MP59B	Coaxial Switch	N-type connector, DC to 3 GHz
K220	Coaxial Adaptor	K-P•K-P (Wiltron product)
K222	Coaxial Adaptor	K-J•K-J (Wiltron product)
K224	Coaxial Adaptor	K-J•K-P (Wiltron product)
43KC-3	Fixed Attenuator	3 dB, K-type connector (Wiltron product)
43KC-6	Fixed Attenuator	6 dB, K-type connector (Wiltron product)
43KC-10	Fixed Attenuator	10 dB, K-type connector (Wiltron product)
43KC-20	Fixed Attenuator	20 dB, K-type connector (Wiltron product)
K240C	Power Divider	K-type connector (Wiltron product)
B0063	Carrying Case	
B0020	Front Cover	
B0029	Stacking Foot	
B0043	Rack Mount Kit	
	Peripheral equipment	
G0044	PTA Keyboard	Tektronix product
UA455A	Video Plotter	Graphtec product, AC 100 V
Z0047	Paper for UA455A	
MC8104A	Data Storage Unit	Graphtec product, AC 200 V
MB23A	Portable Test Rack	
F6201	FET Probe	
GD9411-1-11	Plotter	
GD9411-2-11	Plotter	
CTM-800	Plotter	