

Advanced Test Equipment Corp. www.atecorp.com 800-404-ATEC (2832)

www.narda-sts.com
NARDA BROADBAND FIELD METER

NBM-520





# Measuring electric and magnetic fields

ranging from high frequency to microwaves

Non-directional measurement using isotropic probes for applications in the frequency range 100 kHz to 90 GHz



5**G** 

- Intelligent probe interface with automatic detection of probe parameters for simple operation
- Extra small and lightweight
- Unbeatably easy 4-button operation
- Auto zero ensures precision measurements



Narda Broadband Field Meter NBM-520



## DESCRIPTION

The Narda Broadband Field Meter NBM-520 is part of the NBM-500 family of test instruments. It measures non-ionizing radiation with utmost accuracy and incorporates all the major basic measurement modes. In contrast with the larger NBM-550, a memory for measurement results has been deliberately left out of the NBM-520. The result is unbeatably easy operation using just 4 buttons, so referring to the operating manual is all but unnecessary.

Suitable measuring probes for electric and magnetic field strengths are available for the frequency range from 100 kHz up to 90 GHz. So-called *shaped probes* which have frequency responses that weight the results according to specific human safety standards are available in addition to *flat probes* with flat frequency responses. All probes are calibrated independently from the measuring instrument. They include a non-volatile memory containing the probe parameters and calibration data, so they can be used with any instrument in the NBM-500 family.



Small, lightweight and rugged design – ideal for use in rough environments

## **APPLICATIONS**

The NBM-520 is used to make precision measurements to establish human safety, particularly in workplace environments where high electric or magnetic field strengths are likely to occur. Some examples are:

- Measuring field strengths to comply with general safety regulations, such as the EMF Directive 2013/35/EU
- Establishing safe zones
- Measuring field strengths in the industrial environment, such as plastics welding equipment, RF heating, tempering, and drying equipment
- Measuring and monitoring field strengths around broadcasting and radar equipment
- Measuring field strengths of cell phone transmitters and satellite communications systems to demonstrate compliance with human safety standard limit values
- Measurements for protecting users of diathermy equipment and other medical devices that generate high-frequency radiation
- Measuring field strength in TEM cells and absorber chambers to demonstrate electromagnetic compatibility (EMC)



Changing the probe is quick and easy, with no need to reconfigure the device





The Narda Broadband Meter NBM-520 is designed for on-site use. The concept focuses on simple operation and the range of functions has been deliberately kept to the main features necessary for performing precision field measurements.

## **Display and operation**

- Operated by weatherproof foil keypad using just 4 buttons with perceptible click point
- Backlit monochrome LCD with selectable illumination time, easy to read even in bright daylight

#### Result display and evaluation

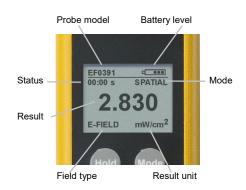
- 4 measurement modes selectable using the Mode button: Momentary RMS value (ACT)
   Maximum RMS value (MAX)
   Average RMS value (AVG)
   Spatial average RMS (SPATIAL)
- Display units selectable using the Units button:
   V/m, A/m, mW/cm<sup>2</sup>, W/m<sup>2</sup> when using flat probes,
   % of limit value when using shaped probes
- Hold button for "freezing" the display value

#### Automatic adjustment, application of calibration data

- Intelligent probe interface recognizes the NBM probe type and automatically imports and applies the correction values stored in the probe during calibration
- Fully automatic zero point adjustment with user definable time interval

#### Warning functions

Audible and visible warning signals for high field strengths:
 Alarm threshold can be set from a PC



Everything at a glance. The clearly arranged display is easy to read.







The optical interface connector and AC adapter / charger connector compartment is sealed with a rubber cap. The tilt stand provided in addition to the tripod bush can be used to place the instrument securely on a flat surface.



### **Operating features**

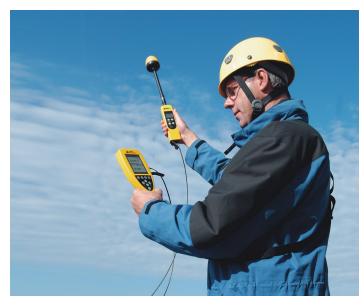
- Standard rechargeable batteries provide long operating life and can be recharged rapidly as needed
- Batteries protected by auto-off function with programmable timer
- Instrument configuration easy to set using the PC software supplied

### **Remote control**

- PC software NBM-TS allows remote controlled measurements
- PC connected via optical interface to avoid field interference effects
- Optical cable extension allows additional freedom of movement for probes. The NBM-550 controller function enables data communication with the smaller NBM-520 so it can be used as an "extended probe handle". This means that probes can be situated remotely from the NBM-550 without any metallic cables to adversely affect the measurements



The battery compartment is opened easily using a coin. Two replaceable NiMH rechargeable batteries (AA size) are used to power the device.



Probe extension using an optical cable: The NBM-550 acts as controller and displays the results. The smaller NBM-520 acts as the optical probe interface. Both devices can also be used separately as measuring devices when fitted with probes.



A rugged transport case is included. This provides ideal protection for the instrument, together with up to two probes and all accessories.



# PC SOFTWARE

The easy to use "NBM-TS" PC software (free download) provides the following functions:

- Remote controlled measurements
- Device configuration management
- Firmware update control

File	Database Device Me	mory Me	asurement Configuration Extras
	e Data	Comm Auto Si	ani Clock
User Star	ndards 👘 Safety Standar	ds Dev	rice Info Probe Info Setups
Query Resul	t		
Model			EF0391
S/N	S/N		PT-0002
Calibration Date		10/24/2006	
Calibration Due Date		10/24/2008	
Type of Field	ł		E-Field
Lower Frequ	iency Limit A		0.1 MHz
Upper Frequ	iency Limit A		3 GHz
Lower Frequ	iency Limit B		0 Hz
Upper Frequ	iency Limit B		0 Hz
Shaping		NO	
Standard			No Stnd
Correction	Factors		

NBM-TS for Microsoft<sup>®</sup> Windows<sup>®</sup>

## **PROBES**

	300 kHz	27 MHz	100 kHz	100 kHz	3 MHz	40 MHz	300 MHz	100 MHz	100 MHz	300 kHz*
Frequency range	to	to	to	to	to	to	to	to	to	to
	30 MHz	1 GHz	3 GHz	6 GHz	18 GHz	40 GHz	50 GHz	60 GHz	90 GHz	50 GHz
Field type	Н	н	E	E	Е	E	E	E	E	E Shaped
Probe designation	HF3061	HF0191	EF0391 EF0392	EF0691 EF0692	EF1891	EF4091	EF5091	EF6092	EF9091	EA ED5091
Mobile radio / telecommunications	•	•	•	•	•					•
Radio / TV broadcasting	•	•	•	•	•					•
Satellite communications					•	•	•	•	•	0
Radar					0	0	•	0	•	0
Industry: Heating and tempering	•		•	•						
Industry: Plastics welding	•									
Industry: Semiconductor production	0		•	•						
Medicine: Diathermy, hyperthermy			•	•						0
Leak detection					•	•	•	•	•	0
General public safety	•	0	•	•	•	•	0	•	•	0
Health and safety at work	•	•	•	•	۲	•	•		•	•



# **SPECIFICATIONS**

NBM-520	
DISPLAY	
Display type	Transflective LCD, monochrome
Display size	4 cm (1.5"), 128 x 64 dots
Backlight	LEDs, selectable illumination time (OFF, 5s, 10s, 30s, 60s, PERMANENT)
Refresh rate	400 ms
MEASUREMENT FUNCTIONS	
Result units	mW/cm², W/m², V/m, A/m (for flat probes) % (for shaped probes)
Display range	0.01 to 9999 V/m 0.0001 to 265.3 A/m 0.0001 to 9999 W/m <sup>2</sup> 0.0001 to 9999 mW/cm <sup>2</sup> 0.0001 to 9999 %
Result types (RMS, isotropic)	Actual (ACT), Maximum (MAX), Average (AVG), Spatial Averaging (SPATIAL)
Averaging time	4 s to 30 min (2 s steps), selectable by PC software
Spatial averaging	discrete or continuously, selectable by PC software
Alarm function	2 kHz audible signal (4 Hz repetition), threshold adjustable by PC software
INTERFACES	
Optical interface	Serial, full duplex, 115200 baud, no parity, 1 start and 1 stop bit
	Plug-and-play auto detection, compatible with all NBM series probes
Probe interface	RMS Integration time for measuring input approx. 270 ms Measurement sampling rate 5 Hz (5/ 50/ 60 Hz for remote operation)
GENERAL SPECIFICATIONS	
Recommended calibration interval	24 months (basic unit only, probes are specified separately)
Battery	NiMH rechargeable batteries, 2 x AA size (Mignon), 2700 mAh, included
Operation time	Approx. 22 hours (backlight off) Approx. 16 hours (permanent backlight)
Charging time	2 hours
Battery level display	100%, 80%, 60%, 40%, 20%, 10%, low level (< 5%)
Temperature range Operating Non-operating (transport)	-10 °C to +50 °C -30 °C to +70°C
Humidity	5 to 95%, non condensing ≤29 g/m³ absolute humidity (IEC 60721-3-2 class 7K2)
Immunity to radiated electromagnetic fields	200 V/m (100 kHz to 60 GHz) Note: The immunity may be less than the specified measurement range of a probe
Size (h x w x d)	38 x 52 x 195 mm (without probe)
Weight	300 g (without probe)
Accessories (included)	Hard case, power supply, rechargeable batteries, shoulder strap, operating manual, certificate of calibration, NBM-TS software (free download)
Country of origin	Germany



## **ORDERING INFORMATION**

NBM-500 Set 2, Narda Broadband Field Meter       - Probes are not included - Includes:         - NBM-520 Basic unit (2403/01B)       - Hard case, holds field meter and up to 2 probes (2400/90.07)       - Power supply, SPUC (100V-240VAC (2259/92.06)         - Battery, Rechargeable AA-Size, NIMH (2 pcs. 1001-0000-471)       - Shoulder strap, 1m (2244/90.49)       - Cable, fiber optic, duplex (1000 µm), RP-02, 2m (2260/91.02)         - Operating manual       - Certificate of calibration       - Software, NBM-TS, PC Transfer (free download)         NBM-500 Set 4, Narda Broadband Field Meter       - identical to NBM-500 Set 2 (2400/102B) but with a larger case (2400/90.06)       2400/104B         for up to 5 probes       Probe HF 3061, H-Field, for NBM, 300kHz-30MHz       2402/05B         Probe HF 3061, H-Field, for NBM, 100kHz-3GHz       2402/01B         Probe EF 0391, E-Field, for NBM, 100kHz-3GHz       2402/14B         Probe EF 0392, E-Field, for NBM, 100kHz-3GHz       2402/14B         Probe EF 0392, E-Field, for NBM, 300kHz-3GHz       2402/14B         Probe EF 10891, E-Field, for NBM, 300kHz-3GHz       2402/14B         Probe EF 0392, E-Field, for NBM, 300kHz-3GHz       2402/14B         Probe EF 10891, E-Field, for NBM, 300kHz-3GHz       2402/14B         Probe EF 10891, E-Field, for NBM, 300kHz-3GHz       2402/14B         Probe EF 0891, E-Field, for NBM, 300kHz-3GHz       2402/14B         Probe EF 0891, E-Field, for NBM, 30	NBM-520		Part Number (P/N)
- identical to NBM-500 Set 2 (2400/102B) but with a larger case (2400/90.06) for up to 5 probes         2400/104B           PROBES	Includes: - NBM-520 Basic unit (2403/01B) - Hard case, holds field meter and up to 2 probes (2400/90.07) - Power supply, 9VDC, 100V-240VAC (2259/92.06) - Battery, Rechargeable AA-Size, NiMH (2 pcs. 1001-0000-471) - Shoulder strap, 1 m (2244/90.49) - O/E converter USB (2260/90.07) - Cable, fiber optic, duplex (1000 μm), RP-02, 2 m (2260/91.02) - Operating manual - Certificate of calibration	- Probes are not included -	2400/102B
Probe HF 3061, H-Field, for NBM, 300kHz-30MHz         2402/05B           Probe HF 0191, H-Field, for NBM, 27MHz-1GHz         2402/06B           Probe EF 0391, E-Field, for NBM, 100kHz-3GHz         2402/01B           Probe EF 0392, E-Field, HiPow, for NBM, 100kHz-3GHz         2402/14B           Probe EF 0692, E-Field, for NBM, 100kHz-6GHz         2402/14B           Probe EF 0692, E-Field, for NBM, 600MHz-6GHz         2402/12B           Probe EF 1891, E-Field, for NBM, 600MHz-6GHz         2402/02B           Probe EF 1891, E-Field, for NBM, 300MHz-18GHz         2402/02B           Probe EF 6092, E-Field, for NBM, 40MHz-40GHz         2402/03D           Probe EF 6092, E-Field, for NBM, 300Hz-50GHz, Thermo.         2402/17B           Probe EF 6092, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 6092, E-Field, for NBM, 100MHz-90GHz         2402/17B           Probe EF 9091, E-Field, for NBM, 100MHz-90GHz         2402/17B           Probe EF 6092, E-Field, for NBM, 100MHz-90GHz         2402/17B           Probe ES 5091, ECC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/17D           Probe ES 5091, IEEE 2019 Restricted Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/10D           (compliant with ICNIRP 2020 above 30 MHz)         24402/10D <t< td=""><td>- identical to NBM-500 Set 2 (2400/102B) but with a larger case (2400</td><td>0/90.06)</td><td>2400/104B</td></t<>	- identical to NBM-500 Set 2 (2400/102B) but with a larger case (2400	0/90.06)	2400/104B
Probe HF 0191, H-Field, for NBM, 27MHz-1GHz         2402/06B           Probe EF 0391, E-Field, for NBM, 100kHz-3GHz         2402/11B           Probe EF 0392, E-Field, HiPow, for NBM, 100kHz-3GHz         2402/12B           Probe EF 0691, E-Field, for NBM, 100kHz-6GHz         2402/14B           Probe EF 0692, E-Field, for NBM, 600MHz-6GHz         2402/20B           Probe EF 1891, E-Field, for NBM, 400Hz-40GHz         2402/10B           Probe EF 4091, E-Field, for NBM, 300Hz-50GHz         2402/19B           Probe EF 6092, E-Field, for NBM, 300MHz-60GHz         2402/10D           Probe EF 6092, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 6092, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 9091, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 5091, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 5091, E-Field, for NBM, 100MHz-90GHz         2402/17B           Probe EF 5091, E-Field, for NBM, 300 kHz - 50 GHz, E-Field         2402/07D           Probe ES 5091, IEEE 2019 Restricted Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/17B           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ES Generator 27 MHz         2244/90.31 <t< td=""><td>PROBES</td><td></td><td></td></t<>	PROBES		
Probe HF 0191, H-Field, for NBM, 27MHz-1GHz         2402/06B           Probe EF 0391, E-Field, for NBM, 100kHz-3GHz         2402/11B           Probe EF 0392, E-Field, HiPow, for NBM, 100kHz-3GHz         2402/12B           Probe EF 0691, E-Field, for NBM, 100kHz-6GHz         2402/14B           Probe EF 0692, E-Field, for NBM, 600MHz-6GHz         2402/20B           Probe EF 1891, E-Field, for NBM, 400Hz-40GHz         2402/10B           Probe EF 4091, E-Field, for NBM, 300Hz-50GHz         2402/19B           Probe EF 6092, E-Field, for NBM, 300MHz-60GHz         2402/10D           Probe EF 6092, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 6092, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 9091, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 5091, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 5091, E-Field, for NBM, 100MHz-90GHz         2402/17B           Probe EF 5091, E-Field, for NBM, 300 kHz - 50 GHz, E-Field         2402/07D           Probe ES 5091, IEEE 2019 Restricted Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/17B           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ES Generator 27 MHz         2244/90.31 <t< td=""><td>Probe HF 3061, H-Field, for NBM, 300kHz-30MHz</td><td></td><td>2402/05B</td></t<>	Probe HF 3061, H-Field, for NBM, 300kHz-30MHz		2402/05B
Probe EF 0391, E-Field, for NBM, 100kHz-3GHz         2402/01B           Probe EF 0392, E-Field, for NBM, 100kHz-3GHz         2402/12B           Probe EF 0691, E-Field, for NBM, 100kHz-6GHz         2402/14B           Probe EF 0692, E-Field, for NBM, 000Hz-6GHz         2402/20B           Probe EF 1891, E-Field, for NBM, 300Hz-18GHz         2402/20B           Probe EF 4091, E-Field, for NBM, 300Hz-18GHz         2402/02B           Probe EF 5091, E-Field, for NBM, 300Hz-50GHz, Thermo.         2402/03D           Probe EF 6092, E-Field, for NBM, 100Hz-60GHz         2402/17B           Probe EF 5091, E-Field, for NBM, 100Hz-90GHz         2402/17B           Probe EF 5091, E-Field, for NBM, 100Hz-90GHz         2402/17B           Probe EA 5091, FCC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/07D           Probe EA 5091, IEEE 2019 Restricted Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/10D           Compliant with ICNIRP 2020 above 30 MHz)         2402/10D           ACCESSORIES         2244/90.38           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.31           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.45           Handle, Non-Conductive, 0.42m         2250/92.02           Cable, FO Duplex			
Probe EF 0392, E-Field, HiPow, for NBM, 100kHz-3GHz         2402/12B           Probe EF 0691, E-Field, for NBM, 100kHz-6GHz         2402/14B           Probe EF 0692, E-Field, for NBM, 600MHz-6GHz         2402/20B           Probe EF 1891, E-Field, for NBM, 300Hz-6GHz         2402/19B           Probe EF 4091, E-Field, for NBM, 300Hz-40GHz         2402/19B           Probe EF 5091, E-Field, for NBM, 300Hz-50GHz, Thermo.         2402/19B           Probe EF 6092, E-Field, for NBM, 100Hz-60GHz         2402/17B           Probe EF 6092, E-Field, for NBM, 100Hz-60GHz         2402/17B           Probe EF 9091, E-Field, for NBM, 100Hz-60GHz         2402/17B           Probe EF 5091, E-Field, for NBM, 100Hz-60GHz         2402/17B           Probe EF 9091, E-Field, for NBM, 100Hz-60GHz         2402/17B           Probe EA 5091, FCC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/17B           Probe EC 5091, SC 6 2015 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, IEEE 2019 Restricted Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/10D           (compliant with ICNIRP 2020 above 30 MHz)         2244/90.38           Tripod, Non-Conductive, 1.65m, with Carrying Bag         2244/90.38           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31) </td <td>Probe EF 0391, E-Field, for NBM, 100kHz-3GHz</td> <td></td> <td>2402/01B</td>	Probe EF 0391, E-Field, for NBM, 100kHz-3GHz		2402/01B
Probe EF 0692, E-Field, for NBM, 600MHz-6GHz         2402/20B           Probe EF 1891, E-Field, for NBM, 3MHz-18GHz         2402/02B           Probe EF 4091, E-Field, for NBM, 40MHz-40GHz         2402/19B           Probe EF 5091, E-Field, for NBM, 300MHz-50GHz, Thermo.         2402/03D           Probe EF 6092, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 6092, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 9091, E-Field, for NBM, 100MHz-90GHz         2402/18B           Probe EF 9091, E-Field, for NBM, 100MHz-90GHz         2402/18B           Probe EA 5091, FCC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/07D           Probe ED 5091, IEEE 2019 Restricted Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/10D           Compliant with ICNIRP 2020 above 30 MHz)         2402/10D           ACCESSORIES           Test-Generator 27 MHz         2244/90.31           Tripod, Non-Conductive, 1.65m, with Carrying Bag         2244/90.45           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.45           Handle, Non-Conductive, 0.42m         2250/92.02           Cable, FO Duplex (1000 µm)			2402/12B
Probe EF 1891, E-Field, for NBM, 3MHz-18GHz         2402/02B           Probe EF 4091, E-Field, for NBM, 40MHz-40GHz         2402/19B           Probe EF 5091, E-Field, for NBM, 300MHz-50GHz, Thermo.         2402/03D           Probe EF 6092, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 6091, E-Field, for NBM, 100MHz-90GHz         2402/17B           Probe EF 9091, E-Field, for NBM, 100MHz-90GHz         2402/18B           Probe EA 5091, FCC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/07D           Probe EA 5091, FCC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICE 2019 Restricted Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/10D           Compliant with ICNIRP 2020 above 30 MHz)         2402/10D         2402/10D           ACCESSORIES         2244/90.38         2244/90.31           Tripod, Non-Conductive, 1.65m, with Carrying Bag         2244/90.45         2244/90.45           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.45         2409/102           Handle, Non-Conductive, 0.42m         2250/92.02         2250/92.02           Cable, FO Duplex (1000 µm) RP-02, 2 m	Probe EF 0691, E-Field, for NBM, 100kHz-6GHz		2402/14B
Probe EF 4091, E-Field, for NBM, 40MHz-40GHz         2402/19B           Probe EF 5091, E-Field, for NBM, 300MHz-50GHz, Thermo.         2402/03D           Probe EF 6092, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 9091, E-Field, for NBM, 100MHz-90GHz         2402/18B           Probe EA 5091, FCC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/07D           Probe EA 5091, FCC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/21B           Probe EC 5091, SC 6 2015 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/10D           Compliant with ICNIRP 2020 above 30 MHz)         2402/10D           ACCESSORIES         2402/10D           Tripod, Non-Conductive, 1.65m, with Carrying Bag         2244/90.31           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.45           Handle, Non-Conductive, 0.42m         2250/92.02           Cable, FO Duplex (1000 μm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)         2260/91.02	Probe EF 0692, E-Field, for NBM, 600MHz-6GHz		2402/20B
Probe EF 5091, E-Field, for NBM, 300HHz-50GHz, Thermo.         2402/03D           Probe EF 6092, E-Field, for NBM, 100HHz-60GHz         2402/17B           Probe EF 9091, E-Field, for NBM, 100HHz-90GHz         2402/18B           Probe EA 5091, FCC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/07D           Probe EB 5091, IEEE 2019 Restricted Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/21B           Probe EC 5091, SC 6 2015 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/10D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/10D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/10D           Compliant with ICNIRP 2020 above 30 MHz)         2402/10D           ACCESSORIES         2244/90.38           Tripod, Non-Conductive, 1.65m, with Carrying Bag         2244/90.31           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.45           Handle, Non-Conductive, 0.42m         2250/92.02           Cable, FO Duplex (1000 µm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)         2260/91.02	Probe EF 1891, E-Field, for NBM, 3MHz-18GHz		2402/02B
Probe EF 6092, E-Field, for NBM, 100MHz-60GHz         2402/17B           Probe EF 9091, E-Field, for NBM, 100MHz-90GHz         2402/18B           Probe EA 5091, FCC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/07D           Probe EB 5091, IEEE 2019 Restricted Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/21B           Probe EC 5091, SC 6 2015 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/10D           Compliant with ICNIRP 2020 above 30 MHz)         2402/10D           ACCESSORIES         2442/90.38           Tripod, Non-Conductive, 1.65m, with Carrying Bag         2244/90.31           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.45           Handle, Non-Conductive, 0.42m         2250/92.02           Cable, FO Duplex (1000 µm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)         2260/91.02	Probe EF 4091, E-Field, for NBM, 40MHz-40GHz		2402/19B
Probe EF 9091, E-Field, for NBM, 100MHz-90GHz2402/18BProbe EA 5091, FCC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field2402/07DProbe EB 5091, IEEE 2019 Restricted Shaped for NBM, 3 MHz - 50 GHz, E-Field2402/21BProbe EC 5091, SC 6 2015 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field2402/16DProbe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field2402/10DCompliant with ICNIRP 2020 above 30 MHz)2402/10DACCESSORIES2244/90.38Test-Generator 27 MHz2244/90.31Tripod, Non-Conductive, 1.65m, with Carrying Bag2244/90.31Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)2260/91.02Handle, Non-Conductive, 0.42m2250/92.02Cable, FO Duplex (1000 µm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)2260/91.02	Probe EF 5091, E-Field, for NBM, 300MHz-50GHz, Thermo.		2402/03D
Probe EA 5091, FCC 1997 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field2402/07DProbe EB 5091, IEEE 2019 Restricted Shaped for NBM, 3 MHz - 50 GHz, E-Field2402/21BProbe EC 5091, SC 6 2015 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field2402/16DProbe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field2402/10D(compliant with ICNIRP 2020 above 30 MHz)2402/10DTest-Generator 27 MHzTest-Generator 27 MHz2244/90.38Tripod, Non-Conductive, 1.65m, with Carrying Bag2244/90.31Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)2244/90.45Handle, Non-Conductive, 0.42m2250/92.02Cable, FO Duplex (1000 μm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)2260/91.02			2402/17B
Probe EB 5091, IEEE 2019 Restricted Shaped for NBM, 3 MHz - 50 GHz, E-Field2402/21BProbe EC 5091, SC 6 2015 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field2402/16DProbe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field (compliant with ICNIRP 2020 above 30 MHz)2402/10DACCESSORIESTest-Generator 27 MHz2244/90.38Tripod, Non-Conductive, 1.65m, with Carrying Bag2244/90.31Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)2244/90.45Handle, Non-Conductive, 0.42m2250/92.02Cable, FO Duplex (1000 µm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)2260/91.02			2402/18B
Probe         EC 5091, SC 6 2015 Controlled Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/16D           Probe         ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field         2402/10D           (compliant with ICNIRP 2020 above 30 MHz)         2402/10D         2402/10D           ACCESSORIES         2244/90.38         2244/90.31           Tripod, Non-Conductive, 1.65m, with Carrying Bag         2244/90.31         2244/90.45           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2250/92.02         2250/92.02           Handle, Non-Conductive, 0.42m         2250/92.02         2260/91.02			2402/07D
Probe ED 5091, ICNIRP 1998 Occ Shaped for NBM, 300 kHz - 50 GHz, E-Field (compliant with ICNIRP 2020 above 30 MHz)2402/10DACCESSORIES2244/90.38Test-Generator 27 MHz2244/90.38Tripod, Non-Conductive, 1.65m, with Carrying Bag2244/90.31Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)2244/90.45Handle, Non-Conductive, 0.42m2250/92.02Cable, FO Duplex (1000 µm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)2260/91.02			2402/21B
Compliant with ICNIRP 2020 above 30 MHz)         2402/10D           ACCESSORIES         2244/90.38           Test-Generator 27 MHz         2244/90.38           Tripod, Non-Conductive, 1.65m, with Carrying Bag         2244/90.31           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.45           Handle, Non-Conductive, 0.42m         2250/92.02           Cable, FO Duplex (1000 μm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)         2260/91.02			2402/16D
Test-Generator 27 MHz         2244/90.38           Tripod, Non-Conductive, 1.65m, with Carrying Bag         2244/90.31           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.45           Handle, Non-Conductive, 0.42m         2250/92.02           Cable, FO Duplex (1000 µm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)         2260/91.02		Field	2402/10D
Test-Generator 27 MHz         2244/90.38           Tripod, Non-Conductive, 1.65m, with Carrying Bag         2244/90.31           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.45           Handle, Non-Conductive, 0.42m         2250/92.02           Cable, FO Duplex (1000 µm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)         2260/91.02	ACCESSORIES		
Tripod, Non-Conductive, 1.65m, with Carrying Bag         2244/90.31           Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.45           Handle, Non-Conductive, 0.42m         2250/92.02           Cable, FO Duplex (1000 μm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)         2260/91.02			2244/90.38
Tripod Extension, 0.50m, Non-Conductive (for 2244/90.31)         2244/90.45           Handle, Non-Conductive, 0.42m         2250/92.02           Cable, FO Duplex (1000 μm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)         2260/91.02	-		
Handle, Non-Conductive, 0.42m         2250/92.02           Cable, FO Duplex (1000 μm) RP-02, 2 m (included in Set 2400/102B and 2400/104B)         2260/91.02			
Cable, FO Duplex (1000 μm) RP-02, 2 m (included in Set 2400/102B and 2400/104B) 2260/91.02			
		2400/104B)	
Cable, FO Duplex (1000 µm) RP-02, 10 m 2260/91.07			
Cable, FO Duplex (1000 μm) RP-02, 20 m 2260/91.03			
Cable, FO Duplex (1000 μm) RP-02, 50 m 2260/91.04			2260/91.04
Cable, FO Duplex, F-SMA to RP-02, 0.3 m 2260/91.01	Cable, FO Duplex, F-SMA to RP-02, 0.3 m		2260/91.01
O/E Converter RS232, RP-02/DB9 2260/90.06			2260/90.06
O/E Converter USB, RP-02/USB (included in Set 2400/102B and 2400/104B) 2260/90.07		4B)	2260/90.07
Cable, Adapter USB 2.0 - RS232, 0.8 m 2260/90.53			2260/90.53

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