





## 01 LSProbe Systems

Part No.	Product Name	Product Description	Product Image
1111	LSProbe 1.2 System Variant E (10 kHz - 8.2 GHz)	<p>LSProbe 1.2 Laser-Powered Electric-Field Probe, Variant E</p> <ul style="list-style-type: none"> <li>- permanently attached 5 m optical fiber cable</li> <li>- 15 m fiber extension cable</li> <li>- three sacrificial cable kits with E2000 couplers</li> <li>- frequency range &amp; in-house calibration: 10 kHz to 8.2 GHz</li> <li>- field-strength range 10 kHz to 30 MHz: &lt;math&gt;&lt;1\text{ V/m}&lt;/math&gt; to &lt;math&gt;&gt;10\text{ kV/m}&lt;/math&gt; (&gt;80 dB)</li> <li>- field-strength range 30 MHz to 6 GHz: &lt;math&gt;&lt;0.1\text{ V/m}&lt;/math&gt; to &lt;math&gt;&gt;1\text{ kV/m}&lt;/math&gt; (&gt;80 dB)</li> <li>- field-strength range 6 GHz to 8.2 GHz: &lt;math&gt;&lt;1\text{ V/m}&lt;/math&gt; to &lt;math&gt;&gt;1\text{ kV/m}&lt;/math&gt; (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul> <p>Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit with 5V/3A power supply &amp; USB 2.0 cable</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>LSProbe System Carrying Case</p>	

Part No.	Product Name	Product Description	Product Image
1112	LSProbe 1.2 System Variant F (10 Hz - 8.2 GHz)	<p>LSProbe 1.2 Laser-Powered Electric-Field Probe, Variant F</p> <ul style="list-style-type: none"> <li>- permanently attached 5 m optical fiber cable</li> <li>- 15 m fiber extension cable</li> <li>- three sacrificial cable kits with E2000 couplers</li> <li>- frequency range &amp; in-house calibration: 10 Hz to 8.2 GHz</li> <li>- field-strength range 10 Hz to 30 MHz: &lt;3 V/m to &gt;10 kV/m (&gt;70 dB)</li> <li>- field-strength range 30 MHz to 6 GHz: &lt;0.1 V/m to &gt;1 kV/m (&gt;80 dB)</li> <li>- field-strength range 6 GHz to 8.2 GHz: &lt;1 V/m to &gt;1 kV/m (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul> <p>Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit with 5V/3A power supply &amp; USB 2.0 cable</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>LSProbe System Carrying Case</p>	
1113	LSProbe 1.2 System Variant G (10 kHz - 8.2 GHz, 15 kV/m)	<p>LSProbe 1.2 Laser-Powered Electric-Field Probe, Variant G</p> <ul style="list-style-type: none"> <li>- permanently attached 5 m optical fiber cable</li> <li>- 15 m fiber extension cable</li> <li>- three sacrificial cable kits with E2000 couplers</li> <li>- frequency range &amp; in-house calibration: 10 kHz to 8.2 GHz</li> <li>- field-strength range 10 kHz to 30 MHz: &lt;1 V/m to &gt;10 kV/m (&gt;80 dB)</li> <li>- field-strength range 30 MHz to 6 GHz: &lt;1.5 V/m to &gt;15 kV/m (&gt;80 dB)</li> <li>- field-strength range 6 GHz to 8.2 GHz: &lt;15 V/m to &gt;10 kV/m (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul> <p>Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit with 5V/3A power supply &amp; USB 2.0 cable</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>LSProbe System Carrying Case</p>	

Part No.	Product Name	Product Description	Product Image
1120	LSProbe 2.0 System (9 kHz to 18 GHz)	<p>LSProbe 2.0 Laser-Powered Electric-Field Probe</p> <ul style="list-style-type: none"> <li>- permanently attached 5 m optical fiber cable</li> <li>- 15 m fiber extension cable</li> <li>- three sacrificial cable kits with E2000 couplers</li> <li>- frequency range &amp; in-house calibration: 9 kHz to 18 GHz</li> <li>- field-strength range 9 kHz to 1 GHz: &lt;1 V/m to &gt;5 kV/m (&gt;73 dB)</li> <li>- field-strength range 1 GHz to 18 GHz: &lt;1 V/m to &gt;1 kV/m (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul> <p>Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit with 5V/3A power supply &amp; USB 2.0 cable</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>LSProbe System Carrying Case</p>	 <p>The image shows an open silver carrying case for the LSProbe 2.0 system. Inside, there is a blue optical fiber cable, a control unit with a power supply, a USB flash drive, and other accessories. A warning label is visible on the inside of the lid, stating 'WARNING: Risk of optical fiber damage!'. The case is lined with black foam padding.</p>




## 02 LSProbe Services





Part No.	Product Name	Product Description	Product Image
1201	LSProbe 1.2 ISO 17025 Accredited Calibration 10 kHz to 6 GHz	<ul style="list-style-type: none"> <li>- ISO/IEC 17025 certified body electric-field strength calibration</li> <li>- low band (mode 3): 10kHz ... 400MHz (variant F: 10kHz ... 200MHz)</li> <li>- high band (mode 0): 30MHz ... 6GHz</li> <li>- includes system inspection, validation and import of calibration results</li> </ul>	 <p>The image shows a blue and orange horizontal bar with the text 'ISO 17025 Cal. 10 kHz - 6 GHz' in white.</p>
1202	LSProbe 1.2 ISO 17025 Accredited Calibration 10 kHz to 8.2 GHz	<ul style="list-style-type: none"> <li>- ISO/IEC 17025 certified body electric-field strength calibration</li> <li>- low band (mode 3): 10kHz ... 400MHz (variant F: 10kHz ... 200MHz)</li> <li>- high band (mode 0): 30MHz ... 8.2GHz</li> <li>- includes system inspection, validation and import of calibration results</li> </ul>	 <p>The image shows a blue and orange horizontal bar with the text 'ISO 17025 Cal. 10 kHz - 8.2 GHz' in white.</p>



Part No.	Product Name	Product Description	Product Image
1206	LSProbe 2.0 ISO 17025 Accredited Calibration 10 kHz to 18 GHz	<ul style="list-style-type: none"> <li>- ISO/IEC 17025 certified body electric-field strength calibration</li> <li>- low band (mode 3): 10 kHz ... 1 GHz</li> <li>- high band (mode 0): 700 MHz ... 18 GHz</li> <li>- includes system inspection, validation and import of calibration results</li> </ul>	<b>ISO 17025 Cal. 10 kHz - 18 GHz</b>
1207	LSProbe Accredited Linearity Test	<ul style="list-style-type: none"> <li>- linearity test, 3 V/m ... 100 V/m, 1.1 GHz</li> <li>- other frequencies on request</li> <li>- can only be ordered combined with an accredited calibration (1201, 1202, 1206)</li> </ul>	<b>Linearity Test, 3 ... 100 V/m</b>
1221	LSProbe 1.2 System Warranty Extension	<ul style="list-style-type: none"> <li>- 12 months warranty extension based on date of delivery (following standard warranty)</li> <li>- extensible at any time before end of warranty period</li> <li>- all defects covered except user-inflicted damages</li> <li>- prompt failure analysis and repair quotation in case of user-inflicted damages</li> </ul> <p>Warranty Extension for LSProbe 1.2 System:</p> <ul style="list-style-type: none"> <li>- quotation ???, purchase order ???, invoice ???,</li> <li>- Field Probe S/N ???, Computer Interface S/N ???,</li> <li>- delivery note number: L??-???, delivery date ???.??.????,</li> <li>- end of extended warranty period ???.??.????,</li> </ul> <p>The invoice is regarded as warranty certificate!</p>	<b>1 Year Warranty Extension</b>
1223	LSProbe 2.0 System Warranty Extension	<ul style="list-style-type: none"> <li>- 12 months warranty extension based on date of delivery (following standard warranty)</li> <li>- extensible at any time before end of warranty period</li> <li>- all defects covered except user-inflicted damages</li> <li>- prompt failure analysis and repair quotation in case of user-inflicted damages</li> </ul> <p>Warranty Extension for LSProbe 2.0 System:</p> <ul style="list-style-type: none"> <li>- quotation ???, purchase order ???, invoice ???,</li> <li>- Field Probe S/N ???, Computer Interface S/N ???,</li> <li>- delivery note number: L??-???, delivery date ???.??.????,</li> <li>- end of extended warranty period ???.??.????,</li> </ul> <p>The invoice is regarded as warranty certificate!</p>	<b>1 Year Warranty Extension</b>


03 LSProbe Optical Fiber Cables









Part No.	Product Name	Product Description	Product Image
1302	Optical Fiber Extension Cable 5m	<ul style="list-style-type: none"> <li>- 5m duplex optical-fiber extension cable with FC/ST connectors</li> <li>- one pair of optical-fiber FC/ST couplers</li> </ul>	
1303	Optical Fiber Extension Cable 10m	<ul style="list-style-type: none"> <li>- 10m duplex optical-fiber extension cable with FC/ST connectors</li> <li>- one pair of optical-fiber FC/ST couplers</li> </ul>	
1304	Optical Fiber Extension Cable 15m	<ul style="list-style-type: none"> <li>- 15m duplex optical-fiber extension cable with FC/ST connectors</li> <li>- one pair of optical-fiber FC/ST couplers</li> </ul>	

Part No.	Product Name	Product Description	Product Image
1305	Optical Fiber Extension Cable 20m	<ul style="list-style-type: none"> <li>- 20m duplex optical-fiber extension cable with FC/ST connectors</li> <li>- one pair of optical-fiber FC/ST couplers</li> </ul>	
1314	Sacrificial Cable Kit	<ul style="list-style-type: none"> <li>- set of two 0.5m duplex optical-fiber cables with FC/ST and E2000 connectors</li> <li>- E2000 coupler and pair of FC/ST couplers</li> <li>- automatic shutters of E2000 connectors prevent contamination of connector end-faces</li> <li>- in case of burn-in defect at E2000 connector, replacement of complete sacrificial cable kit</li> </ul>	
1320	E2000 Coupler for Sacrificial Cable Kit	<ul style="list-style-type: none"> <li>- duplex E2000 coupler</li> <li>- for use with Sacrificial Cable Kit (part number 1314)</li> </ul>	
1321	Optical Fiber Extension Cable 30m	<ul style="list-style-type: none"> <li>- 30m duplex optical-fiber extension cable with FC/ST connectors</li> <li>- one pair of optical-fiber FC/ST couplers</li> </ul>	

Part No.	Product Name	Product Description	Product Image
1322	Optical Fiber Extension Cable 50m	<ul style="list-style-type: none"> <li>- 50m duplex optical-fiber extension cable with FC/ST connectors</li> <li>- one pair of optical-fiber FC/ST couplers</li> </ul>	
1325	Optical Fiber Extension Cable 40m	<ul style="list-style-type: none"> <li>- 40m duplex optical-fiber extension cable with FC/ST connectors</li> <li>- one pair of optical-fiber FC/ST couplers</li> </ul>	
1331	Cable Drum Small	<ul style="list-style-type: none"> <li>- rugged cable drum for duplex optical-fiber cables up to 100m</li> <li>- sacrificial cable with E2000 connector connected to extension cable</li> <li>- E2000 coupler integrated into cable drum</li> <li>- suitable for indoor and outdoor optical-fiber cables (not included)</li> </ul>	


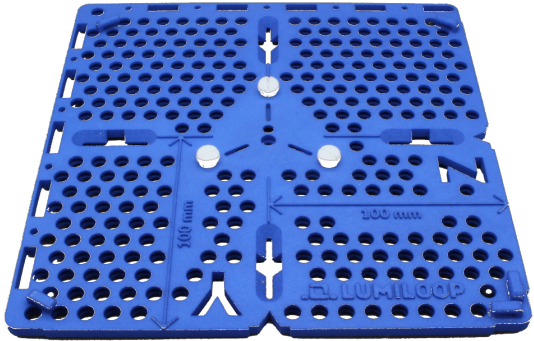
Part No.	Product Name	Product Description	Product Image
1332	Cable Drum Large	<ul style="list-style-type: none"><li>- rugged cable drum for duplex optical-fiber cables exceeding 100m</li><li>- sacrificial cable with E2000 connector connected to extension cable</li><li>- E2000 coupler integrated into cable drum</li><li>- suitable for indoor and outdoor optical-fiber cables (not included)</li></ul>	



Part No.	Product Name	Product Description	Product Image
1334	Outdoor Optical Fiber Extension Cable 20m	<ul style="list-style-type: none"> <li>- 20m duplex optical-fiber outdoor extension cable with FC/ST connectors</li> <li>- one pair of optical-fiber FC/ST couplers</li> </ul>	
1335	Outdoor Optical Fiber Extension Cable 30m	<ul style="list-style-type: none"> <li>- 30m duplex optical-fiber outdoor extension cable with FC/ST connectors</li> <li>- one pair of optical-fiber FC/ST couplers</li> </ul>	
1336	Outdoor Optical Fiber Extension Cable 50m	<ul style="list-style-type: none"> <li>- 50m duplex optical-fiber outdoor extension cable with FC/ST connectors</li> <li>- one pair of optical-fiber FC/ST couplers</li> </ul>	



Part No.	Product Name	Product Description	Product Image
1337	Outdoor Optical Fiber Extension Cable 100m	- 100m duplex optical-fiber outdoor extension cable with FC/ST connectors - one pair of optical-fiber FC/ST couplers	
1338	Outdoor Optical Fiber Extension Cable 200m	- 200m duplex optical-fiber outdoor extension cable with FC/ST connectors - one pair of optical-fiber FC/ST couplers	
1339	Outdoor Optical Fiber Extension Cable 25m	- 25m duplex optical-fiber outdoor extension cable with FC/ST connectors - one pair of optical-fiber FC/ST couplers	
1341	Dual Cable Drum Small	- rugged cable drum for optical-fiber cables with 4 fibers and lengths up to 100m - two sacrificial cables with E2000 connector connected to extension cable - two E2000 couplers integrated into cable drum - suitable for indoor and outdoor optical-fiber cables (not included)	
1345	Dual Optical Fiber Outdoor Extension Cable 30m	- 30m dual duplex optical-fiber outdoor extension cable with two pairs of FC/ST connectors - two pairs of optical-fiber FC/ST couplers	

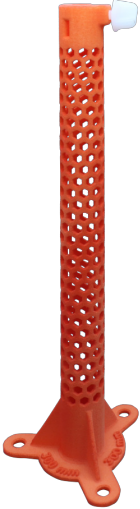
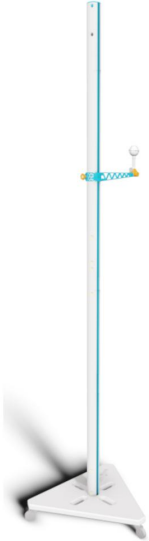
#### 04 Probe Stands and Accessories



Part No.	Product Name	Product Description	Product Image
1306	Flexible Probe Stand	<ul style="list-style-type: none"> <li>- flexible tripod probe-stand for versatile positioning of LSProbe Field Probes</li> <li>- vertical positioning approximately 150 mm to 250 mm above surface</li> <li>- strong magnetic feet with rubber coating</li> <li>- quick mount and release</li> </ul>	
1307	Tabletop Probe Stand - Base	<ul style="list-style-type: none"> <li>- for use with mounting poles (part numbers 1308 - 1312)</li> <li>- base plate and 3 screws for fixing the respective mounting pole</li> <li>- for easy positioning of LSProbe Field Probes, alignment 100mm to table's edge</li> <li>- relative permittivity better than 2.7 @ 1 kHz</li> </ul>	




Part No.	Product Name	Product Description	Product Image
1308	Tabletop Probe Stand - Mounting Pole 100mm	<ul style="list-style-type: none"> <li>- use with Tabletop Probe Stand Base (part number 1307)</li> <li>- mounting pole for positioning the Field Probe's center 100mm above surface</li> <li>- quick mount and release as well as easy alignment of LSProbe Field Probe</li> <li>- relative permittivity better than 2.7 @ 1 kHz</li> </ul>	
1309	Tabletop Probe Stand - Mounting Pole 125mm	<ul style="list-style-type: none"> <li>- use with Tabletop Probe Stand Base (part number 1307)</li> <li>- mounting pole for positioning the Field Probe's center 125mm above surface</li> <li>- quick mount and release as well as easy alignment of LSProbe Field Probe</li> <li>- relative permittivity better than 2.7 @ 1 kHz</li> </ul>	

Part No.	Product Name	Product Description	Product Image
1310	Tabletop Probe Stand - Mounting Pole 150mm	<ul style="list-style-type: none"> <li>- use with Tabletop Probe Stand Base (part number 1307)</li> <li>- mounting pole for positioning the Field Probe's center 150mm above surface</li> <li>- quick mount and release as well as easy alignment of LSProbe Field Probe</li> <li>- relative permittivity better than 2.7 @ 1 kHz</li> </ul>	
1311	Tabletop Probe Stand - Mounting Pole 200mm	<ul style="list-style-type: none"> <li>- use with Tabletop Probe Stand Base (part number 1307)</li> <li>- mounting pole for positioning the Field Probe's center 200mm above surface</li> <li>- quick mount and release as well as easy alignment of LSProbe Field Probe</li> <li>- relative permittivity better than 2.7 @ 1 kHz</li> </ul>	




Part No.	Product Name	Product Description	Product Image
1312	Tabletop Probe Stand - Mounting Pole 300mm	<ul style="list-style-type: none"> <li>- use with Tabletop Probe Stand Base (part number 1307)</li> <li>- mounting pole for positioning the Field Probe's center 300mm above surface</li> <li>- quick mount and release as well as easy alignment of LSProbe Field Probe</li> <li>- relative permittivity better than 2.7 @ 1 kHz</li> </ul>	
1316	Floor Probe Stand incl. Probe Mounting Bracket	<ul style="list-style-type: none"> <li>- Floor Probe Stand with height of 2.4m</li> <li>- mounting bracket for one LSProbe Field Probe</li> </ul>	


Part No.	Product Name	Product Description	Product Image
1317	Floor Probe Stand, Additional Probe Mounting Bracket	<ul style="list-style-type: none"> <li>- for use with Floor Probe Stand (part number 1316)</li> <li>- additional mounting bracket for one LSProbe Field Probe</li> </ul>	
1319	Fiber Connector Cleaning Kit incl. Fiber Microscope	<ul style="list-style-type: none"> <li>- 400x optical fiber microscope (3x AAA batteries not included)</li> <li>- two packs of lint-free cassette cleaning-wipes</li> <li>- fiber optic cleaning-solution pen</li> <li>- an unfilled isopropyl alcohol (IPA) pipette/bottle</li> <li>- spare FC/ST dust caps and two E2000 locking caps</li> </ul>	
1382	Floor Probe Stand, Additional Mounting Bracket for 3 Probes (ISO 11451-2)	<ul style="list-style-type: none"> <li>- for use with Floor Probe Stand (part number 1316)</li> <li>- holder for three probes in one level according to ISO 11451-2</li> </ul>	
1383	Waveguide Filter WGF-12	<ul style="list-style-type: none"> <li>- Chamber Feed-Through for up to 12 LUMILOOP fiber cables</li> <li>- Removable Plug for Pre-Terminated Fibers</li> <li>- 27 GHz Cutoff, 12 Bores</li> <li>- Clearance Hole Diameter: 42 mm</li> </ul>	



## 05 LSProbe Components

Part No.	Product Name	Product Description	Product Image
1003	Computer Interface CI-250	<ul style="list-style-type: none"> <li>- control unit for laser-powered devices</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul>	
1004	Lumiloop Software Package	<ul style="list-style-type: none"> <li>USB flash drive containing: <ul style="list-style-type: none"> <li>- Calibration data &amp; import tool CallImport</li> <li>- User's Manual and Quick Start Guide</li> <li>- LUMILOOP TCP Server and Graphical User Interface</li> <li>- Third Party EMC Software drivers and programming examples</li> </ul> </li> </ul>	
1005	Computer Interface CI-250+ UPGRADE	<ul style="list-style-type: none"> <li>- Computer Interface with 4.3" Touchscreen and Ethernet interface</li> <li>- runs LUMILOOP TCP Server and Graphical User Interface</li> <li>- internal power supply, IEC 60320 C14 connector, power cord</li> <li>- dimensions: width x height x depth = 200 x 88 x 150 mm</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> <li>- UPGRADE for Computer Interface CI-250, can only be ordered combined with one of the following part no.: 1003, 1111, 1112, 1113, 1120, 2107-2109, 2117-2119</li> </ul>	



Part No.	Product Name	Product Description	Product Image
1011	LSProbe 1.2 Single Field Probe, Variant E (10 kHz - 8.2 GHz)	<ul style="list-style-type: none"> <li>- laser-powered electric-field probe</li> <li>- permanently attached 5 m optical fiber cable</li> <li>- frequency range &amp; in-house calibration: 10 kHz to 8.2 GHz</li> <li>- field-strength range 10 kHz to 30 MHz: &lt;1 V/m to &gt;10 kV/m (&gt;80 dB)</li> <li>- field-strength range 30 MHz to 6 GHz: &lt;0.1 V/m to &gt;1 kV/m (&gt;80 dB)</li> <li>- field-strength range 6 GHz to 8.2 GHz: &lt;1 V/m to &gt;1 kV/m (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul>	
1012	LSProbe 1.2 Single Field Probe, Variant F (10 Hz - 8.2 GHz)	<ul style="list-style-type: none"> <li>- laser-powered electric-field probe</li> <li>- permanently attached 5 m optical fiber cable</li> <li>- frequency range &amp; in-house calibration: 10 Hz to 8.2 GHz</li> <li>- field-strength range 10 Hz to 30 MHz: &lt;3 V/m to &gt;10 kV/m (&gt;70 dB)</li> <li>- field-strength range 30 MHz to 6 GHz: &lt;0.1 V/m to &gt;1 kV/m (&gt;80 dB)</li> <li>- field-strength range 6 GHz to 8.2 GHz: &lt;1 V/m to &gt;1 kV/m (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul>	
1013	LSProbe 1.2 Single Field Probe, Variant G (10 kHz - 8.2 GHz, 15 kV/m)	<ul style="list-style-type: none"> <li>- laser-powered electric-field probe</li> <li>- permanently attached 5 m optical fiber cable</li> <li>- frequency range &amp; in-house calibration: 10 kHz to 8.2 GHz</li> <li>- field-strength range 10 kHz to 30 MHz: &lt;1 V/m to &gt;10 kV/m (&gt;80 dB)</li> <li>- field-strength range 30 MHz to 6 GHz: &lt;1.5 V/m to &gt;15 kV/m (&gt;80 dB)</li> <li>- field-strength range 6 GHz to 8.2 GHz: &lt;15 V/m to &gt;10 kV/m (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul>	

Part No.	Product Name	Product Description	Product Image
1020	LSProbe 2.0 Single Field Probe (9 kHz - 18 GHz)	<ul style="list-style-type: none"> <li>- laser-powered electric-field probe</li> <li>- permanently attached 5 m optical fiber cable</li> <li>- frequency range &amp; in-house calibration: 9 kHz to 18 GHz</li> <li>- field-strength range 9 kHz to 1 GHz: &lt;1 V/m to &gt;5 kV/m (&gt;73 dB)</li> <li>- field-strength range 1 GHz to 18 GHz: &lt;1 V/m to &gt;1 kV/m (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul>	

Part No.	Product Name	Product Description	Product Image
2101	LSPM 1.0 Power Meter (9 kHz - 6 GHz), Single-Channel	<ul style="list-style-type: none"> <li>- single-channel high-speed RF power meter</li> <li>- 5V/3A power supply &amp; USB 2.0 cable</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in- house calibration: 9 kHz - 6 GHz</li> <li>- damage level &gt;30 dBm</li> <li>- RF input: 50 Ohm, type N</li> <li>- measurement range:  Low Band: 9 kHz - 400 MHz: &lt;-60 dBm to &gt;+20 dBm  High Band 0.4 ... 4 GHz: &lt;-70 dBm to &gt;+20 dBm  High Band 4 ... 6 GHz: &lt;-50 dBm to &gt;+20 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive  - incl. calibration data</p> <p>LSPM Carrying Case</p>	
2102	LSPM 1.0 Power Meter (9 kHz - 6 GHz), Dual-Channel	<ul style="list-style-type: none"> <li>- dual-channel high-speed RFpower meter</li> <li>- 5V/3A power supply &amp; USB 2.0 cable</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in- house calibration: 9 kHz - 6 GHz</li> <li>- damage level &gt;30 dBm</li> <li>- RF input: 50 Ohm, type N</li> <li>- measurement range:  Low Band: 9 kHz - 400 MHz: &lt;-60 dBm to &gt;+20 dBm  High Band 0.4 ... 4 GHz: &lt;-70 dBm to &gt;+20 dBm  High Band 4 ... 6 GHz: &lt;-50 dBm to &gt;+20 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive  - incl. calibration data</p> <p>LSPM Carrying Case</p>	

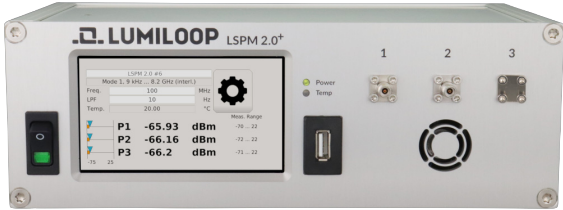
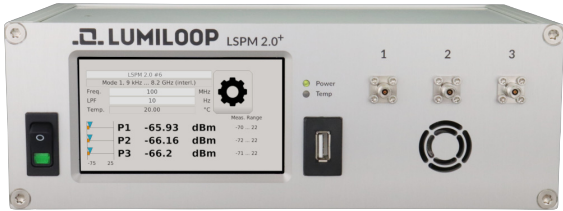
Part No.	Product Name	Product Description	Product Image
2103	LSPM 1.0 Power Meter (9 kHz - 6 GHz), Triple-Channel	<ul style="list-style-type: none"> <li>- triple-channel high-speed RF power meter</li> <li>- 5V/3A power supply &amp; USB 2.0 cable</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in-house calibration: 9 kHz - 6 GHz</li> <li>- damage level &gt;30 dBm</li> <li>- RF input: 50 Ohm, type N</li> <li>- measurement range:  Low Band: 9 kHz - 400 MHz: &lt;-60 dBm to &gt;+20 dBm  High Band 0.4 ... 4 GHz: &lt;-70 dBm to &gt;+20 dBm  High Band 4 ... 6 GHz: &lt;-50 dBm to &gt;+20 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive - incl. calibration data</p> <p>LSPM Carrying Case</p>	
2104	LSPM 1.0+ Power Meter (9 kHz - 6 GHz), Single-Channel	<ul style="list-style-type: none"> <li>- single-channel high-speed RF power meter</li> <li>- LSPM with 4.3" touchscreen and Ethernet interface</li> <li>- internal power supply, IEC 60320 C14 connector, power cord</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in-house calibration: 9 kHz - 6 GHz</li> <li>- damage level &gt;30 dBm</li> <li>- RF input: 50 Ohm, type N</li> <li>- dimensions (WxDxH): 260 x 150 x 88 mm</li> <li>- measurement range:  Low Band: 9 kHz - 400 MHz: &lt;-60 dBm to &gt;+20 dBm  High Band 0.4 ... 4 GHz: &lt;-70 dBm to &gt;+20 dBm  High Band 4 ... 6 GHz: &lt;-50 dBm to &gt;+20 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive - incl. calibration data</p> <p>LSPM Carrying Case</p>	

Part No.	Product Name	Product Description	Product Image
2105	LSPM 1.0+ Power Meter (9 kHz - 6 GHz), Dual-Channel	<ul style="list-style-type: none"> <li>- dual-channel high-speed RF power meter</li> <li>- LSPM with 4.3" touchscreen and Ethernet interface</li> <li>- internal power supply, IEC 60320 C14 connector, power cord</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in-house calibration: 9 kHz - 6 GHz</li> <li>- damage level &gt;30 dBm</li> <li>- RF input: 50 Ohm, type N</li> <li>- dimensions (WxDxH): 260 x 150 x 88 mm</li> <li>- measurement range:  Low Band: 9 kHz - 400 MHz: &lt;-60 dBm to &gt;+20 dBm  High Band 0.4 ... 4 GHz: &lt;-70 dBm to &gt;+20 dBm  High Band 4 ... 6 GHz: &lt;-50 dBm to &gt;+20 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive - incl. calibration data</p> <p>LSPM Carrying Case</p>	
2106	LSPM 1.0+ Power Meter (9 kHz - 6 GHz), Triple-Channel	<ul style="list-style-type: none"> <li>- triple-channel high-speed RF power meter</li> <li>- LSPM with 4.3" touchscreen and Ethernet interface</li> <li>- internal power supply, IEC 60320 C14 connector, power cord</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in-house calibration: 9 kHz - 6 GHz</li> <li>- damage level &gt;30 dBm</li> <li>- RF input: 50 Ohm, type N</li> <li>- dimensions (WxDxH): 260 x 150 x 88 mm</li> <li>- measurement range:  Low Band: 9 kHz - 400 MHz: &lt;-60 dBm to &gt;+20 dBm  High Band 0.4 ... 4 GHz: &lt;-70 dBm to &gt;+20 dBm  High Band 4 ... 6 GHz: &lt;-50 dBm to &gt;+20 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive - incl. calibration data</p> <p>LSPM Carrying Case</p>	


Part No.	Product Name	Product Description	Product Image
2111	LSPM 2.0 Power Meter (9 kHz - 26.5 GHz), Single-Channel	<ul style="list-style-type: none"> <li>- single-channel high-speed RF power meter</li> <li>- 5V/3A power supply &amp; USB 2.0 cable</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in-house calibration: 9 kHz - 26.5 GHz</li> <li>- damage level &gt;25 dBm</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- measurement range:</li> <li>Low Band 9kHz ... &lt;100 MHz: -80 dBm ... &gt;20 dBm</li> <li>Low Band 0.1 ... 1 GHz: &lt;-55 dBm ... &gt;20 dBm</li> <li>High Band 0.7 ... 26.5 GHz: &lt;-55 dBm ... &gt;17 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive - incl. calibration data</p> <p>LSPM Carrying Case</p>	 <p>The image shows the LSPM 2.0 Single-Channel Power Meter kit in its white carrying case. The case is open, revealing a black foam interior. The power meter unit is on the left, and a USB flash drive with the Lumiloop software is on the right, connected to a USB cable. The Lumiloop logo is visible on the foam insert.</p>
2112	LSPM 2.0 Power Meter (9 kHz - 26.5 GHz), Dual-Channel	<ul style="list-style-type: none"> <li>- dual-channel high-speed RF power meter</li> <li>- 5V/3A power supply &amp; USB 2.0 cable</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in-house calibration: 9 kHz - 26.5 GHz</li> <li>- damage level &gt;25 dBm</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- measurement range:</li> <li>Low Band 9kHz ... &lt;100 MHz: -80 dBm ... &gt;20 dBm</li> <li>Low Band 0.1 ... 1 GHz: &lt;-55 dBm ... &gt;20 dBm</li> <li>High Band 0.7 ... 26.5 GHz: &lt;-55 dBm ... &gt;17 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive - incl. calibration data</p> <p>LSPM Carrying Case</p>	 <p>The image shows the LSPM 2.0 Dual-Channel Power Meter kit in its white carrying case. The case is open, revealing a black foam interior. The power meter unit is on the left, and a USB flash drive with the Lumiloop software is on the right, connected to a USB cable. The Lumiloop logo is visible on the foam insert.</p>





Part No.	Product Name	Product Description	Product Image
2113	LSPM 2.0 Power Meter (9 kHz - 26.5 GHz), Triple-Channel	<ul style="list-style-type: none"> <li>- triple-channel high-speed RF power meter</li> <li>- 5V/3A power supply &amp; USB 2.0 cable</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in-house calibration: 9 kHz - 26.5 GHz</li> <li>- damage level &gt;25 dBm</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- measurement range:  Low Band 9kHz ... &lt;100 MHz: -80 dBm ... &gt;20 dBm  Low Band 0.1 ... 1 GHz: &lt;-55 dBm ... &gt;20 dBm  High Band 0.7 ... 26.5 GHz: &lt;-55 dBm ... &gt;17 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive - incl. calibration data</p> <p>LSPM Carrying Case</p>	
2114	LSPM 2.0+ Power Meter (9 kHz - 26.5 GHz), Single-Channel	<ul style="list-style-type: none"> <li>- single-channel high-speed RF power meter</li> <li>- LSPM with 4.3" touchscreen and Ethernet interface</li> <li>- 5V/3A power cord</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in-house calibration: 9 kHz - 26.5 GHz</li> <li>- damage level &gt;25 dBm</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- dimensions (WxDxH): 260 x 150 x 88 mm</li> <li>- measurement range:  Low Band 9 kHz... 100 MHz: -75 dBm ... &gt;20 dBm  Low Band 0.1 ... 1 GHz: &lt;-60 dBm ... &gt;20 dBm  High Band 1 ... 22 GHz: &lt;-45 dBm ... &gt;12 dBm  High Band 1 ... 26.5 GHz: &lt;-40 dBm ... &gt;12 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive - incl. calibration data</p> <p>LSPM Carrying Case</p>	


Part No.	Product Name	Product Description	Product Image
2115	LSPM 2.0+ Power Meter (9 kHz - 26.5 GHz), Dual-Channel	<ul style="list-style-type: none"> <li>- dual-channel high-speed RF power meter</li> <li>- LSPM with 4.3" touchscreen and Ethernet interface</li> <li>- 5V/3A power cord</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in-house calibration: 9 kHz - 26.5 GHz</li> <li>- damage level &gt;25 dBm</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- dimensions (WxDxH): 260 x 150 x 88 mm</li> <li>- measurement range:</li> <li>Low Band 9 kHz... 100 MHz: -75 dBm ... &gt;20 dBm</li> <li>Low Band 0.1 ... 1 GHz: &lt;-60 dBm ... &gt;20 dBm</li> <li>High Band 1 ... 22 GHz: &lt;-45 dBm ... &gt;12 dBm</li> <li>High Band 1 ... 26.5 GHz: &lt;-40 dBm ... &gt;12 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive - incl. calibration data</p> <p>LSPM Carrying Case</p>	
2116	LSPM 2.0+ Power Meter (9 kHz - 26.5 GHz), Triple-Channel	<ul style="list-style-type: none"> <li>- triple-channel high-speed RF power meter</li> <li>- LSPM with 4.3" touchscreen and Ethernet interface</li> <li>- 5V/3A power cord</li> <li>- sampling rate: 2 MSamples/s</li> <li>- frequency range &amp; in-house calibration: 9 kHz - 26.5 GHz</li> <li>- damage level &gt;25 dBm</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- dimensions (WxDxH): 260 x 150 x 88 mm</li> <li>- measurement range:</li> <li>Low Band 9 kHz... 100 MHz: -75 dBm ... &gt;20 dBm</li> <li>Low Band 0.1 ... 1 GHz: &lt;-60 dBm ... &gt;20 dBm</li> <li>High Band 1 ... 22 GHz: &lt;-45 dBm ... &gt;12 dBm</li> <li>High Band 1 ... 26.5 GHz: &lt;-40 dBm ... &gt;12 dBm</li> </ul> <p>Lumiloop Software Package on USB flash drive - incl. calibration data</p> <p>LSPM Carrying Case</p>	

## 07 Laser-Powered LSPM Systems


Part No.	Product Name	Product Description	Product Image
2107	LSPM 1.1 Power Meter System (9 kHz - 6 GHz), Single-Channel, optically powered	<p>LSPM 1.1 Power Meter Head, Single-Channel, optically powered</p> <ul style="list-style-type: none"> <li>- frequency range &amp; in-house calibration: 9 kHz ... 6 GHz</li> <li>- sampling rate up to 2 MS/s</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- FC/ST optical connection, permanently attached 0.2 m optical fiber cable</li> <li>- 15 m fiber extension cable</li> <li>- three sacrificial cable kits with E2000 couplers</li> <li>- measurement range:</li> </ul> <p>Low Band 9 kHz ... up to 400 MHz: &lt;-60 dBm ... &gt;20 dBm</p> <p>High Band 30 MHz... 4 GHz: &lt;-60 dBm ... &gt;20 dBm</p> <p>High Band 4 ... 8 GHz: &lt;-30 dBm ... &gt;20 dBm</p> <p>Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit with 5V/3A power supply &amp; USB 2.0 cable</li> <li>- LSPM dongle</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>LSPM Carrying Case</p>	


Part No.	Product Name	Product Description	Product Image
2108	LSPM 1.1 Power Meter System (9 kHz - 6 GHz), Dual-Channel, optically powered	<p>LSPM 1.1 Power Meter Head, Dual-Channel, optically powered</p> <ul style="list-style-type: none"> <li>- frequency range &amp; in-house calibration: 9 kHz ... 6 GHz</li> <li>- sampling rate up to 2 MS/s</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- FC/ST optical connection, permanently attached 0.2 m optical fiber cable</li> <li>- 15 m fiber extension cable</li> <li>- three sacrificial cable kits with E2000 couplers</li> <li>- measurement range:</li> <li>Low Band 9 kHz ... up to 400 MHz: &lt;-60 dBm ... &gt;20 dBm</li> <li>High Band 30 MHz... 4 GHz: &lt;-60 dBm ... &gt;20 dBm</li> <li>High Band 4 ... 8 GHz: &lt;-30 dBm ... &gt;20 dBm</li> </ul> <p>Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit with 5V/3A power supply &amp; USB 2.0 cable</li> <li>- LSPM dongle</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>LSPM Carrying Case</p>	 <p>The image shows the Lumiloop LSPM 1.1 Power Meter System components. On the left is the main power meter head, a silver rectangular unit with a black power switch, a green power indicator light, a red laser on indicator light, and a blue data link indicator light. The brand name 'LUMILOOP' is printed on the front. To its right is a smaller control unit, also silver, connected to the main unit by an orange fiber optic cable. The control unit has several ports on its front panel. A carrying case is partially visible on the far right.</p>

Part No.	Product Name	Product Description	Product Image
2109	LSPM 1.1 Power Meter System (9 kHz - 6 GHz), Triple-Channel, optically powered	<p>LSPM 1.1 Power Meter Head, Triple-Channel, optically powered</p> <ul style="list-style-type: none"> <li>- frequency range &amp; in-house calibration: 9 kHz ... 6 GHz</li> <li>- sampling rate up to 2 MS/s</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- FC/ST optical connection, permanently attached 0.2 m optical fiber cable</li> <li>- 15 m fiber extension cable</li> <li>- three sacrificial cable kits with E2000 couplers</li> <li>- measurement range:</li> </ul> <p>Low Band 9 kHz ... up to 400 MHz: &lt;-60 dBm ... &gt;20 dBm  High Band 30 MHz... 4 GHz: &lt;-60 dBm ... &gt;20 dBm  High Band 4 ... 8 GHz: &lt;-30 dBm ... &gt;20 dBm</p> <p>Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit with 5V/3A power supply &amp; USB 2.0 cable</li> <li>- LSPM dongle</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>LSPM Carrying Case</p>	

Part No.	Product Name	Product Description	Product Image
2117	LSPM 2.1 Power Meter System (9 kHz - 26.5 GHz), Single-Channel, optically powered	<p>LSPM 2.1 Power Meter Head, Single-Channel, optically powered</p> <ul style="list-style-type: none"> <li>- frequency range &amp; in-house calibration: 9 kHz ... 26.5 GHz</li> <li>- sampling rate 2 MS/s</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- FC/ST optical connection, permanently attached 0.2 m optical fiber cable</li> <li>- 15 m fiber extension cable</li> <li>- three sacrificial cable kits with E2000 couplers</li> <li>- measurement range: <ul style="list-style-type: none"> <li>Low Band 9kHz ... 200 MHz: &lt;-65 dBm ... &gt;20 dBm</li> <li>Low Band 0.2 ... 1 GHz: &lt;-45 dBm ... &gt;20 dBm</li> <li>High Band 1 ... 20 GHz: &lt;-44 dBm ... &gt;15 dBm</li> <li>High Band 20 ... 26.5 GHz: &lt;-35 dBm ... &gt;15 dBm</li> </ul> </li> </ul> <p>Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit with 5V/3A power supply &amp; USB 2.0 cable</li> <li>- LSPM dongle</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>LSPM Carrying Case</p>	 <p>The image shows the LSPM 2.1 Power Meter System components. On the left is the main meter head, a silver rectangular device with a black power switch, a green power indicator light, a red laser on indicator light, and a blue data link indicator light. The brand name 'LUMILOOP' is printed on the front. To its right is a smaller silver control unit with two fiber optic connectors. An orange fiber optic cable connects the two units. A carrying case is also visible in the background.</p>




Part No.	Product Name	Product Description	Product Image
2118	LSPM 2.1 Power Meter System (9 kHz - 26.5 GHz), Dual-Channel, optically powered	<p>LSPM 2.1 Power Meter Head, Dual-Channel, optically powered</p> <ul style="list-style-type: none"> <li>- frequency range &amp; in-house calibration: 9 kHz ... 26.5 GHz</li> <li>- sampling rate 2 MS/s</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- FC/ST optical connection, permanently attached 0.2 m optical fiber cable</li> <li>- 15 m fiber extension cable</li> <li>- three sacrificial cable kits with E2000 couplers</li> <li>- measurement range:</li> <li>Low Band 9kHz ... 200 MHz: &lt;-65 dBm ... &gt;20 dBm</li> <li>Low Band 0.2 ... 1 GHz: &lt;-45 dBm ... &gt;20 dBm</li> <li>High Band 1 ... 20 GHz: &lt;-44 dBm ... &gt;15 dBm</li> <li>High Band 20 ... 26.5 GHz: &lt;-35 dBm ... &gt;15 dBm</li> </ul> <p>Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit with 5V/3A power supply &amp; USB 2.0 cable</li> <li>- LSPM dongle</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>LSPM Carrying Case</p>	

Part No.	Product Name	Product Description	Product Image
2119	LSPM 2.1 Power Meter System (9 kHz - 26.5 GHz), Triple-Channel, optically powered	<p>LSPM 2.1 Power Meter Head, Triple-Channel, optically powered</p> <ul style="list-style-type: none"> <li>- frequency range &amp; in-house calibration: 9 kHz ... 26.5 GHz</li> <li>- sampling rate 2 MS/s</li> <li>- RF input: 50 Ohm, type K (2.92mm) female connector</li> <li>- FC/ST optical connection, permanently attached 0.2 m optical fiber cable</li> <li>- 15 m fiber extension cable</li> <li>- three sacrificial cable kits with E2000 couplers</li> <li>- measurement range:</li> <li>Low Band 9kHz ... 200 MHz: &lt;-65 dBm ... &gt;20 dBm</li> <li>Low Band 0.2 ... 1 GHz: &lt;-45 dBm ... &gt;20 dBm</li> <li>High Band 1 ... 20 GHz: &lt;-44 dBm ... &gt;15 dBm</li> <li>High Band 20 ... 26.5 GHz: &lt;-35 dBm ... &gt;15 dBm</li> </ul> <p>Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit with 5V/3A power supply &amp; USB 2.0 cable</li> <li>- LSPM dongle</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>LSPM Carrying Case</p>	

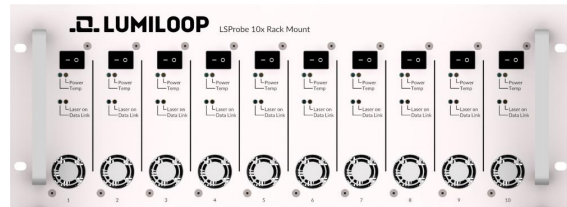





## 08 LSPM Services

Part No.	Product Name	Product Description	Product Image
2201	LSPM 1.0/ LSPM 1.0+ ISO 17025 Accredited Calibration (9 kHz - 6 GHz), Single-Channel	<ul style="list-style-type: none"> <li>- external certified body calibration according to IEC/ISO 17025</li> <li>- for DAkkS certificate, please add part no. 2204.</li> <li>- frequency range 9 kHz to 6 GHz</li> <li>- calibration power level 0 dBm</li> </ul>	<p><b>ISO 17025 Cal. 9 kHz - 6 GHz</b></p>


Part No.	Product Name	Product Description	Product Image
2202	LSPM 1.0/ LSPM 1.0+ ISO 17025 Accredited Calibration (9 kHz - 6 GHz), Dual-Channel	- external certified body calibration according to IEC/ISO 17025 - for DAkkS certificate, please add part no. 2204. - frequency range 9 kHz to 6 GHz - calibration power level 0 dBm	<b>ISO 17025 Cal. 9 kHz – 6 GHz</b>
2203	LSPM 1.0/ LSPM 1.0+ ISO 17025 Accredited Calibration (9 kHz - 6 GHz), Triple-Channel	- external certified body calibration according to IEC/ISO 17025 - for DAkkS certificate, please add part no. 2204. - frequency range 9 kHz to 6 GHz - calibration power level 0 dBm	<b>ISO 17025 Cal. 9 kHz – 6 GHz</b>
2205	LSPM 1.1 ISO 17025 Accredited Calibration (9 kHz - 6 GHz), Single-Channel	- external certified body calibration according to IEC/ISO 17025 - for DAkkS certificate, please add part no. 2204. - frequency range 9 kHz to 6 GHz - calibration power level 0 dBm	<b>ISO 17025 Cal. 9 kHz – 6 GHz</b>
2206	LSPM 1.1 ISO 17025 Accredited Calibration (9 kHz - 6 GHz), Dual-Channel	- external certified body calibration according to IEC/ISO 17025 - for DAkkS certificate, please add part no. 2204. - frequency range 9 kHz to 6 GHz - calibration power level 0 dBm	<b>ISO 17025 Cal. 9 kHz – 6 GHz</b>
2207	LSPM 1.1 ISO 17025 Accredited Calibration (9 kHz - 6 GHz), Triple-Channel	- external certified body calibration according to IEC/ISO 17025 - for DAkkS certificate, please add part no. 2204. - frequency range 9 kHz to 6 GHz - calibration power level 0 dBm	<b>ISO 17025 Cal. 9 kHz – 6 GHz</b>
2211	LSPM 2.0/ LSPM 2.0+ ISO 17025 Accredited Calibration (9 kHz - 26.5 GHz), Single-Channel	- external certified body calibration according to IEC/ISO 17025 - for DAkkS certificate, please add part no. 2204. - frequency range 9 kHz to 26.5 GHz - calibration power level 0 dBm	<b>ISO 17025 Cal. 9 kHz – 26.5 GHz</b>
2212	LSPM 2.0/ LSPM 2.0+ ISO 17025 Accredited Calibration (9 kHz - 26.5 GHz), Dual-Channel	- external certified body calibration according to IEC/ISO 17025 - for DAkkS certificate, please add part no. 2204. - frequency range 9 kHz to 26.5 GHz - calibration power level 0 dBm	<b>ISO 17025 Cal. 9 kHz – 26.5 GHz</b>
2213	LSPM 2.0/ LSPM 2.0+ ISO 17025 Accredited Calibration (9 kHz - 26.5 GHz), Triple-Channel	- external certified body calibration according to IEC/ISO 17025 - for DAkkS certificate, please add part no. 2204. - frequency range 9 kHz to 26.5 GHz - calibration power level 0 dBm	<b>ISO 17025 Cal. 9 kHz – 26.5 GHz</b>


Part No.	Product Name	Product Description	Product Image
2214	LSPM 2.1 ISO 17025 Accredited Calibration (9 kHz - 26.5 GHz), Single-Channel	- external certified body calibration according to IEC/ISO 17025 - for DAkkS certificate, please add part no. 2204. - frequency range 9 kHz to 26.5 GHz - calibration power level 0 dBm	<b>ISO 17025 Cal. 9 kHz – 26.5 GHz</b>
2215	LSPM 2.1 ISO 17025 Accredited Calibration (9 kHz - 26.5 GHz), Dual-Channel	- external certified body calibration according to IEC/ISO 17025 - for DAkkS certificate, please add part no. 2204. - frequency range 9 kHz to 26.5 GHz - calibration power level 0 dBm	<b>ISO 17025 Cal. 9 kHz – 26.5 GHz</b>
2216	LSPM 2.1 ISO 17025 Accredited Calibration (9 kHz - 26.5 GHz), Triple-Channel	- external certified body calibration according to IEC/ISO 17025 - for DAkkS certificate, please add part no. 2204. - frequency range 9 kHz to 26.5 GHz - calibration power level 0 dBm	<b>ISO 17025 Cal. 9 kHz – 26.5 GHz</b>
2231	LSPM Conversion for Connectors at Rear Panel	- conversion of LSPM Power Meter for connectors at rear panel - built-time option - available for LSPM 1.0/ LSPM 1.0+ and LSPM 2.0/ LSPM 2.0+	
2251	LSPM 1.0 Warranty Extension	- 12 months warranty extension based on date of delivery (following standard warranty) - extensible at any time before end of warranty period - all defects covered except user-inflicted damage - prompt failure analysis and repair quotation in case of user-inflicted damage  Warranty Extension for LSPM 1.0 Power Meter: - quotation ???, purchase order ???, invoice ???, - serial number ???, - delivery note number: L?-???, delivery date ???.??.????, - end of extended warranty period ???.??.????, The invoice is regarded as warranty certificate!	<b>1 Year Warranty Extension</b>

Part No.	Product Name	Product Description	Product Image
3001	LSFrame 1.0 Basic, 1U	<ul style="list-style-type: none"> <li>- Product Integration Frame for Multi-Device Systems with up to ten LUMILOOP devices</li> <li>- power supply and synchronization unit</li> <li>- USB controlled system</li> <li>- IEC 60320 C14 connector, power cord</li> <li>- for 19 inch rack mount, 1 rack unit (1U)</li> </ul>	
3011	LSFrame 19" Case for Product Integration up to 6U	<ul style="list-style-type: none"> <li>- 19 inch rack case for product integration up to 6 rack units (6U)</li> <li>- for use with LSFrame 1.0 Basic (part numbers 3001)</li> <li>- rugged design for safe and easy transport</li> </ul>	
3021	19" Front Panel, 10x E2000 Coupler, 1U	<ul style="list-style-type: none"> <li>- front panel for 19 inch rack mounts, 1 rack unit (1U)</li> <li>- holds up to ten duplex E2000 couplers (not included)</li> </ul>	
3022	19" Front Panel, 2x CI-250, 1U	<ul style="list-style-type: none"> <li>- front panel for 19 inch rack mounts, 1 rack unit (1U)</li> <li>- holds up to two Computer Interfaces CI-250</li> <li>- unused position covered by blind panel (on request)</li> <li>- holes for integration of two E2000 couplers</li> </ul>	
3023	19" Front Panel, 2x CI-250 and 1x LSPM, 2U	<ul style="list-style-type: none"> <li>- front panel for 19 inch rack mounts, 2 rack unit (2U)</li> <li>- holds one LSPM Power Meter and up to two Computer Interfaces CI-250</li> <li>- unused positions covered by blind panels (on request)</li> <li>- holes for integration of two E2000 couplers</li> </ul>	


Part No.	Product Name	Product Description	Product Image
3024	19" Front Panel, 10x CI-250, 4U	<ul style="list-style-type: none"> <li>- front panel for 19 inch rack mounts, 4 rack unit (4U)</li> <li>- holds up to ten Computer Interfaces CI-250</li> <li>- unused positions covered by blind panels (on request)</li> </ul>	
3025	19" Front Panel, 2x LSPM, 2U	<ul style="list-style-type: none"> <li>- front panel for 19 inch rack mounts, 2 rack unit (2U)</li> <li>- holds up to two LSPM Power Meters</li> <li>- unused position covered by blind panel (on request)</li> </ul>	
3026	19" Rack Mount Kit, 1x CI-250+, 2U	<ul style="list-style-type: none"> <li>- mounting kit for 19 inch rack mounts, 2 rack unit (2U)</li> <li>- holds one Computer Interface CI-250+</li> <li>- cutout for E2000 optical coupler (not included)</li> </ul>	
3027	19" Rack Mount Kit, 1x CI-250+ and 1x CI-250, 2U	<ul style="list-style-type: none"> <li>- mounting kit for 19 inch rack mounts, 2 rack unit (2U)</li> <li>- holds one Computer Interface CI-250+ and one CI-250</li> <li>- cutout for E2000 optical coupler (not included)</li> </ul>	
3028	19" Rack Mount Kit, 1x CI-250+ and 1x LSPM, 2U	<ul style="list-style-type: none"> <li>- mounting kit for 19 inch rack mounts, 2 rack unit (2U)</li> <li>- holds one Computer Interface CI-250+ and one LSPM RF Power Meter</li> <li>- cutout for E2000 optical coupler (not included)</li> </ul>	
3029	19" Rack Mount Kit, 1x LSPM+, 2U	<ul style="list-style-type: none"> <li>- mounting kit for 19 inch rack mounts, 2 rack unit (2U)</li> <li>- holds one LSPM 1.0+ or LSPM 2.0+</li> </ul>	


10 LSFrame Systems



Part No.	Product Name	Product Description	Product Image
3101	Multi-Probe System: 4x LSProbe 1.2 E, LSFrame 1.0 Basic	<p>4 x 1011, LSProbe 1.2 Field Probe Variant E</p> <ul style="list-style-type: none"> <li>- laser-powered electric-field probe</li> <li>- permanently attached 5 m optical fiber cable</li> <li>- three sacrificial cable kits with E2000 coupler</li> <li>- 15 m fiber extension cable</li> <li>- frequency range &amp; in-house calibration: 10 kHz to 8.2 GHz</li> <li>- field strength range 10 kHz to 30 MHz: &lt;1 V/m to &gt;10 kV/m (&gt;80 dB)</li> <li>- field strength range 30 MHz to 6 GHz: &lt;0.1 V/m to &gt;1 kV/m (&gt;80 dB)</li> <li>- field strength range 6 GHz to 8.2 GHz: &lt;1 V/m to &gt;1 kV/m (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul> <p>4 x 1300, LSProbe Single Field Probe Carrying Case</p> <p>4 x 1003, Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit for one laser-powered device</li> <li>- USB 2.0, DC, RJ45 synchronisation cables</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>1x 1004, Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>1 x 3001, LSFrame 1.0 Basic, 1U</p> <p>2 x 3022, 19" Front Panel, 2x CI-250, 1U</p> <p>1 x 3011, LSFrame 19" Case for Product Integration, 3U</p> <p>1 x System Assembly and Test</p>	

Part No.	Product Name	Product Description	Product Image
3103	Multi-Probe System: 8x LSProbe 1.2 E, LSFrame 1.0 Basic	<p>8 x 1011, LSProbe 1.2 Field Probe Variant E</p> <ul style="list-style-type: none"> <li>- laser-powered electric-field probe</li> <li>- permanently attached 5 m optical fiber cable</li> <li>- three sacrificial cable kits with E2000 coupler</li> <li>- 15 m fiber extension cable</li> <li>- frequency range &amp; in-house calibration: 10 kHz to 8.2 GHz</li> <li>- field strength range 10 kHz to 30 MHz: &lt;1 V/m to &gt;10 kV/m (&gt;80 dB)</li> <li>- field strength range 30 MHz to 6 GHz: &lt;0.1 V/m to &gt;1 kV/m (&gt;80 dB)</li> <li>- field strength range 6 GHz to 8.2 GHz: &lt;1 V/m to &gt;1 kV/m (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul> <p>8 x 1300, LSProbe Single Field Probe Carrying Case</p> <p>8 x 1003, Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit for one laser-powered device</li> <li>- USB 2.0, DC, RJ45 synchronisation cables</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>1x 1004, Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>1 x 3001, LSFrame 1.0 Basic, 1U</p> <p>1 x 3024, 19" Front Panel, 10x CI-250, 4U</p> <p>1 x 3021, 19" Front Panel, 10x E2000 Coupler, 1U</p> <p>1 x 3011, LSFrame 19" Case for Product Integration, 6U</p> <p>1 x System Assembly and Test</p>	



Part No.	Product Name	Product Description	Product Image
3105	Multi-Probe System: 4x LSProbe 2.0, LSFrame 1.0 Basic	<p>4 x 1020, LSProbe 2.0 Field Probe</p> <ul style="list-style-type: none"> <li>- laser-powered electric-field probe</li> <li>- permanently attached 5 m optical fiber cable</li> <li>- three sacrificial cable kits with E2000 coupler</li> <li>- 15 m fiber extension cable</li> <li>- frequency range &amp; in-house calibration: 9 kHz to 18 GHz</li> <li>- field-strength range 9 kHz to 1 GHz: &lt;1 V/m to &gt;5 kV/m (&gt;73 dB)</li> <li>- field-strength range 1 GHz to 18 GHz: &lt;1 V/m to &gt;1 kV/m (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul> <p>4 x 1300, LSProbe Single Field Probe Carrying Case</p> <p>4 x 1003, Computer Interface CI-250</p> <ul style="list-style-type: none"> <li>- control unit for one laser-powered device</li> <li>- USB 2.0, DC, RJ45 synchronisation cables</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>1x 1004, Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>1 x 3001, LSFrame 1.0 Basic, 1U</p> <p>2 x 3022, 19" Front Panel, 2x CI-250, 1U</p> <p>1 x 3011, LSFrame 19" Case for Product Integration, 3U</p> <p>1 x System Assembly and Test</p>	

Part No.	Product Name	Product Description	Product Image
3106	Multi-Probe System: 4x LSProbe 1.2 E, LSFrame 1.0 Basic, 1x CI-250+	<p>4 x 1011, LSProbe 1.2 Field Probe Variant E</p> <ul style="list-style-type: none"> <li>- laser-powered electric-field probe</li> <li>- permanently attached 5 m optical fiber cable</li> <li>- three sacrificial cable kits with E2000 coupler</li> <li>- 15 m fiber extension cable</li> <li>- frequency range &amp; in-house calibration 10 kHz to 8.2 GHz</li> <li>- field strength range 10 kHz to 30 MHz: &lt;1 V/m to &gt;10 kV/m (&gt;80 dB)</li> <li>- field strength range 30 MHz to 6 GHz: &lt;0.1 V/m to &gt;1 kV/m (&gt;80 dB)</li> <li>- field strength range 6 GHz to 8.2 GHz: &lt;1 V/m to &gt;1 kV/m (&gt;60 dB)</li> <li>- sampling rate of 500 kS/s in continuous mode, 2 MS/s in burst mode</li> </ul> <p>4 x 1300, LSProbe Single Field Probe Carrying Case</p> <p>4 x 1003, Computer Interface CI-250 1.2</p> <ul style="list-style-type: none"> <li>- control unit for one laser-powered device</li> <li>- USB 2.0, DC, RJ45 synchronisation cables</li> <li>- ST/FC fiber optic connectors</li> <li>- 1,000 mW max. laser output power, laser class 1M</li> </ul> <p>1x 1005, Computer Interface CI-250+ UPGRADE</p> <ul style="list-style-type: none"> <li>- Computer Interface with 4.3" Touchscreen and Ethernet interface</li> <li>- runs LUMILOOP TCP Server and Graphical User Interface</li> <li>- internal power supply, IEC 60320 C14 connector</li> </ul> <p>1x 1004, Lumiloop Software Package on USB flash drive</p> <ul style="list-style-type: none"> <li>- incl. calibration data</li> </ul> <p>1 x 3001, LSFrame 1.0 Basic, 1U</p> <p>1 x 3022, 19" Front Panel, 2x LSProbe Computer Interface, 1U</p> <p>1 x 3027, 19" Rack Mount Kit, 1xCI-250+ and 1xCI-250, 2U</p> <p>1 x 3011, LSFrame 19" Case for Product Integration, 4U</p> <p>1 x System Assembly and Test</p>	

Part No.	Product Name	Product Description	Product Image
4111	LSAOL 1.1 System	LSAOL 1.1 9kHz – 6GHz Laser-Powered & Pre-Amplified Analog Optical Link - 1x LSAOL 1.1 Front Unit - 1x LSAOL 1.1 Base Unit, 19", 2U Please order LSAOL 1.1 System Cable separately!	
4311	LSAOL 1.1 System Cable 5m	5m cable, 5 fibers: - 2x FC (Power) - 2x ST (Data) - 1x FC/APC (RF Analog) Includes 1 set of optical couplers	
4312	LSAOL 1.1 System Cable 30m	30m rugged cable, 5 fibers: - 2x FC (Power) - 2x ST (Data) - 1x FC/APC (RF Analog) Cable Diameter: 11 mm Includes 1 set of optical couplers	