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#### Технические характеристики на

## датчики электрического поля RadiSense 10,

## RadiSense 26, RadiSense 40, RadiSense 26,

## **RadiSense Essential**

### компании DARE

P	Product Name	Applications	Frequency Range	Measurement Speed	Measurement Range	Get Quote
	RadiSense® RSS2040S	CE Marking Anechoic Chamber	10 MHz - 40 GHz	100 Measurements /s	1 V/m - 1000 V/m	
22	RadiSense® RSS2040H	CE Marking Reverb Chamber	10 MHz - 40 GHz	1000 Measurements /s	1 V/m - 1000 V/m	
	RadiSense® RSS2026S	CE Marking Anechoic Chamber	10 MHz - 26 GHz	100 Measurements /s	1 V/m - 1000 V/m	
	RadiSense® RSS2026H	CE Marking Reverb Chamber	10 MHz - 26 GHz	1000 Measurements /s	1 V/m - 1000 V/m	
	RadiSense® RSS2010I	CE Marking Anechoic Chamber	9 kHz - 12.5 GHz	100 Measurements /s	0.1 V/m - 750 V/m	
	RadiSense® RSS2010S	CE Marking Anechoic Chamber	20 MHz - 12.5 GHz	100 Measurements /s	0.1 V/m - 750 V/m	
	RadiSense® RSS2010B	CE Marking Reverb Chamber	9 kHz - 12.5 GHz	1000 Measurements /s	0.1 V/m - 750 V/m	

Produ	uct Name	Applications	Frequency Range	Measurement Speed	Measurement Range	Get Quote
	RadiSense® RSS2010H	CE Marking Reverb Chamber	20 MHz - 12.5 GHz	1000 Measurements /s	0.1 V/m - 750 V/m	
	RadiSense® RSS2010E Essential Series	Pre Certification Anechoic Chamber	20 MHz - 10 GHz	15 Measurements /s	0.5 V/m - 200 V/m	



# RadiSense® 10 Essential Series

Models - RSS2010E

## Measure the essence of EMC

### Accurate Laser Powered Fast

Raditeq B.V. has been the market leader in the area of electric field strength probes for many years. These high end laser powered field probes are mainly used in accredited EMC labs and research institutes. Until now, laser powered probes were expensive compared to battery powered probes. With the introduction of the RSS2010E probe, these highly accurate probes are now within everyone's reach.

What is the RadiSense® Essential? | The RadiSense® Essential probe makes the highly accurate RadiSense probes accessible for every budget. The probe is based on proven design of the RSS2010H probe (Pro series). During the development of the RSS2010E, no compromises were made to the measurement accuracy of this new model. On top of this, the RSS2010E still offers the convenience of a laser powered probe, for the price of a battery powered probe! Although this model has reduced measurement range and speed specifications compared to the Pro series probes, It is still faster compared to battery powered probes available on the market!

**Superb Isotropy |** During tests in an anechoic chamber, the surrounding walls, floor and ceiling will cause reflections. These reflections arrive at the probe elements from different angles. This results in large and unpredictable measurement errors when your probe is not isotropic. Like all other RadiSense® probes, the RSS2010E has an excellent isotropic behavior. In contradiction to most other probes, the isotropic response of the RSS2010E is specified over its full frequency range!

**Internal calibration data |** Like the RadiSense® Pro series probes, the linearity correction data is stored inside the probe. Additionally, the frequency response calibration data for the individual X-Y-Z axis, can be stored inside the probe by the user. As a result, there is no need to apply frequency dependent correction factors for each individual axis in the PC software. This feature results in higher accuracy, faster measurements and ease-of-use.

**Laser Powered |** Despite its attractive price, the RSS2010E probe still is a Laser powered probe! This means that nobody has to deal with the limitations of battery powered E-field probes anymore. Perform E-field measurements at high accuracy and without interruptions!

**Proposition |** Our competitive product price is achieved with the following fixed <sup>(1)</sup> package composition<sup>(2)</sup>:

- RadiSense® 10E Essential (RSS2010E)
- RadiSupply<sup>®</sup> Laser Card (LPS2001B)
- 10M optic fibre cable (CBL2001B-10M)
- Fibre Coupling set (CPL2001A)
- RadiCentre® Slim (CTR1001S)
- Small probe stand (PST2000A)
- Protective Case

() Additional extension cables and coupling sets can be ordered separately.

(2) The listed price is an advisory price based on Free Carrier (FCA) delivery conditions

<sup>(7)</sup> Note that the RadiSense® Essential is only compatible with RadiCentre® Slim and is currently not supported in the CTR1004B and CTR1009B.



Performance	RSS2010E	
Measuring range	0,5 to 200 V/m	
Frequency range	20 MHz to 10 GHz	
Frequency response	20 MHz – 1 GHz> -3 dB/+1,5 dB	
	1 GHz to 10 GHz> -3 dB/+3,5 dB	
Resolution	0.01 V/m	
Linearity (1)	± 0.5 dB ± 0.5 V/m	
Isotropic deviation (2)	± 0,5 dB up to 1 GHz, typical 0,25 dB	
	< ± 1 dB from 1 GHz up to 3 GHz	
	< ± 5 dB from 3 GHz up to 10 GHz	
Measurement speed (X,Y, Z & ETot)	15 measurements/s	
Dimensions		
Shape of housing	Spherical	
Total electrical dimensions	4.9 * 4.9 * 4.9 cm (117 cm <sup>3</sup> )	
Diameter of Spherical housing	2.5 cm (0.98 in)	
Environmental conditions		
Temperature range (operating)	0 °C to 40 °C	
	(32 °F to 104 °F)	
Relative humidity (operating)	10 % to 90 % RH	
	(non-condensing)	
Power consumption		
Factory adjustment data	Internally stored	
Accredited calibration (3)	Traceable, accredited calibration	
	with calibration certificate (optional)	
Optical LASER power	Max. 0.5 Watt at aperture @ 808 nm	
Laser safety class	Class 1M	
Interfaces & cables		
F.O. connector LASER	FC/PC fibre	
F.O. connector data	ST/PC fibre	
Fiber length (4)	100 m maximum (Optional)	
Safety		
Interlock	External Interlock & closed loop safety system	
Warranty	3 Years <sup>(5)</sup>	

1) Linearity is defined over a range of ± 6 dB from the reference point (for example 20 V/m) as defined in the IEC61000-4-3 standard.

2) Isotropy is the maximum deviation from the geometric mean as defined by IEEE 1309-2013.

3) This calibration data can be stored inside the probe as user correction data.

4) Probe is delivered with 2.5 m fixed + 10 m extension fiber and FC/ST in-line coupling set as a standard. Additional fiber lengths are sold separately

5) Three years warranty will be granted only after you register the product / Without registration, a 1 year warranty period applies.

• All specifications are measured after 30 minutes warm-up time.

• Typical specifications indicate that the measured values are met on at least 80% of the points.



## RadiSense<sup>®</sup> 40

Models - RSS2040S - RSS2040H

## The high frequency E-field probe

#### Accurate High Speed Robust

Raditeq, the inventor of the first laser powered E-field probe in the world provides a full range of accurate and fast laser powered probes from 9 kHz to 40 GHz. With their long experience and extensive knowledge on laser power technology and field probe measurement technology, the RadiSense® probes provide the most reliable, high quality range of laser powered E-field probes in the market, with unprecedented measurement uncertainty.

**Wide range** - The RadiSense® 40 has a wide frequency range from 10 MHz to 40 GHz allowing accurate isotropic E field strength measurements within a range from 1 V/m to 1000 V/m. This wide range makes the RadiSense® 40 ideal for EMC Automotive, Military/Aerospace and CE marking applications.

**Two versions** - The RadiSense® 40 is available in two versions: The RSS2040S version provides the most accurate frequency response and isotropy, with a maximum measurement speed of 100 measurements/second (individual X-Y-Z axis + isotropic value). The model RSS2040H has an increased measurement speed of 1000 measurements/second at the cost of a slightly higher uncertainty, intended for applications where speed is more important, like mode stir / reverberation chambers.

**Modular** - The RadiSense® 40 is intended to be used in combination with the RadiCentre modular test system, which is available as a 1-slot (RadiCentre Slim), 2-slot (RadiCentre) or 7-slot (RadiCentre Pro). The probe is connected to the laser power plug-in card (model LPS2001B) with FC/ST dual fiber links. The plug-in card provides the laser power source and bi-directional communication to the probe. The fiber optic extension cable between the RadiSense® 40 probe and the LPS2001B plug-in card is standard available at three different lengths (10, 20 or 30 m). Other lengths to a maximum of 100 m are available on request.

**Internal calibration data -** The linearity adjustment data, by default is stored inside the probe. In addition, the frequency response calibration data of the X-Y-Z axis can be stored as user correction data inside the probe. As a result, there is no need to apply frequency dependent corrections for individual axis' in software anymore. This feature results in a high accuracy and ease-of-use.

**Software support** -The RadiSense® probes are supported by RadiMation and RadiMation Pro, automated EMC test and measurement software packages. The RadiSense® probes can also be controlled with most other brands of commercial EMC test software packages, like ETS Lindgren TILE and R&S EMC32/Elektra.

### RadiSense<sup>®</sup> 40 Specifications

Model	RSS2040S	RSS2040H	
Field measurement range	1 to 1000 V/m		
Max input level before damage	2	000 V/m	
Frequency range	10 MH	Hz to 40 GHz	
Resolution	0.001 V/m < 0 - 10 V/m 0.01 V/m < 10 - 100 V/m 0.1 V/m > 100 - 1000 V/m		
Accuracy			
Frequency response	±1dB	-2 dB to + 5 dB	
lsotropy (1)	± 0.5	dB@1GHz	
Measurement speed (x, y, z and E-Tot)	100 measurements/s	1000 measurements/s	
Linearity	± 0.5 dB ± 0.5 V/m		
Dimensions			
Shape of housing	stalk probe		
Electrical measuring volume	1 cm <sup>3</sup>		
Total lenght including body	30 cm (11.81 in)		
Number of antennas	3 dipoles		
Environmental conditions			
Temperature range (operating)	0 °C to 40 °C (32 °F to 104 °F)		
Relative humidity (operating)	10 % to 90 % RH (non-condensing)		
Calibration & Power consumption			
Factory adjustment data	Internally stored, ISO17025 calibration (RSS2040S only)		
Accredited calibration (2)	Traceable, accredited calibration with certificate (optional)		
Optical LASER power	Max. 0.5 Watt at aperture @ 808 nm		
Fibre connection			
Laser fibre optic connector	FC/PC fibre		
Data fibre optic connector	ST/PC fibre		
Extension fibre length (3)	Standard lengths 10m, 20m or 30m. Maximum 100m		
Safety			
Interlock	External interlock &	closed loop safety system	
Warranty (4)	Three years		

1) Isotropy is the maximum deviation from the geometric mean as defined by IEEE 1309-2013

2) This calibration can be stored inside the probe as user correction data

3) - RSS2040H/S : RadiSense 40 GHz field probe only.

- RSS2040H/S-SET : RadiSense 40 GHz field probe set including LPS2001B laser power card and 10 m extension fibre.

Other fibre length to maximum 100 m available on request

4) Standard warranty is 1 year. After you register your new Raditeq product two (2) years of warranty will be added for free.



## RadiSense® 26

Models - RSS2026S - RSS2026H

The high frequency E-field probe

Raditeq, the inventor of the first laser powered E-field probe in the world provides a full range of accurate and fast laser powered probes from 9 kHz to 26 GHz. With their long experience and extensive knowledge on laser power technology and field probe measurement technology, the RadiSense® probes provide the most reliable, high quality range of laser powered E-field probes in the market, with unprecedented measurement uncertainty.

**Wide range** - The RadiSense® 26 has a wide frequency range from 10 MHz to 26 GHz allowing accurate isotropic E field strength measurements within a range from 1 V/m to 1000 V/m. This wide range makes the RadiSense® 26 ideal for EMC Automotive, Military/Aerospace and CE marking applications.

**Two versions** - The RadiSense® 26 is available in two versions: The RSS2026S version provides the most accurate frequency response and isotropy, with a maximum measurement speed of 100 measurements/second (individual X-Y-Z axis + isotropic value). The model RSS2026H has an increased measurement speed of 1000 measurements/second at the cost of a slightly higher uncertainty, intended for applications where speed is more important, like mode stir / reverberation chambers.

**Modular** - The RadiSense® 26 is intended to be used in combination with the RadiCentre modular test system, which is available as a 1-slot (RadiCentre Slim), 2-slot (RadiCentre) or 7-slot (RadiCentre Pro). The probe is connected to the laser power plug-in card (model LPS2001B) with FC/ST dual fiber links. The plug-in card provides the laser power source and bi-directional communication to the probe. The fiber optic extension cable between the RadiSense® 26 probe and the LPS2001B plug-in card is standard available at three different lengths (10, 20 or 30 m). Other lengths to a maximum of 100 m are available on request.

**Internal calibration data -** The linearity adjustment data, by default is stored inside the probe. In addition, the frequency response calibration data of the X-Y-Z axis can be stored as user correction data inside the probe. As a result, there is no need to apply frequency dependent corrections for individual axis' in software anymore. This feature results in a high accuracy and ease-of-use.

**Software support** -The RadiSense® probes are supported by RadiMation and RadiMation Pro, automated EMC test and measurement software packages. The RadiSense® probes can also be controlled with most other brands of commercial EMC test software packages, like ETS Lindgren TILE and R&S EMC32/Elektra.

#### RadiSense<sup>®</sup> 26 Specifications

Model	RSS2026S	RSS2026H	
Field measurement range 1 to 1000 V/m		000 V/m	
Max input level before damage	2000 V/m		
Frequency range	10 MHz to 26 GHz		
Resolution	0.001 V/m < 0 - 10 V/m 0.01 V/m < 10 - 100 V/m 0.1 V/m > 100 - 1000 V/m		
Accuracy			
Frequency response	±1dB	-2 dB to + 5 dB	
Isotropy	± 0.5 d	B @ 1 GHz	
Measurement speed (x, y, z and E-Tot)	100 measurements/s	1000 measurements/s	
Linearity	± 0.5 dE	3 ± 0.5 V/m	
Dimensions			
Shape of housing	stalk probe		
Electrical measuring volume	1 cm <sup>3</sup>		
Total lenght including body	30 cm (11.81 in)		
Number of antennas	3 dipoles		
Environmental conditions			
Temperature range (operating)	0 °C to 40 °C (32 °F to 104 °F)		
Relative humidity (operating)	10 % to 90 % RH (non-condensing)		
Calibration & Power consumption			
Factory adjustment data	Internally stored, ISO17025 calibration (RSS2026S only)		
Accredited calibration (2)	Traceable, accredited calibration with certificate (optional)		
Optical LASER power	Max. 0.5 Watt at aperture @ 808 nm		
Laser safety class	Class 1M		
Fibre connection			
Laser fibre optic connector	FC/I	PC fibre	
Data fibre optic connector	ST/PC fibre		
Extension fibre length (3)	Standard lengths 10m, 20m or 30m. Maximum 100m		
Safety			
Interlock	External interlock & closed loop safety system		
Warranty (4)	Three years		

1) Isotropy is the maximum deviation from the geometric mean as defined by IEEE 1309-2013

2) This calibration can be stored inside the probe as user correction data

3) The probe set is delivered with a 10 m extension fibre. Other fibre length to maximum 100 m available on request

4) Standard warranty is 1 year. After you register your new Raditeq product two (2) years of warranty will be added for free.

# RadiSense® 10

Models - RS2010I | RS2010S

## The most accurate E-field probe

#### Accurate Best Isotropy Wide Band

Due to a new patented technology, drastically improving the isotropic behaviour, the RadiSense® 10 is the most accurate electrical field (E-Field) probe in the world! The probe can be used to measure the field strength over a wide frequency band from 9 kHz to 12 GHz. The ongoing endeavour of Raditeq to improve our products, has now resulted in an unprecedented accurate E-Field probe.

**Why is accuracy important?** To perform correct radiated immunity (susceptibility) tests, the absolute electrical field strength must be measured accurately. This is important during actual testing, as well as during verification (substitution test) and during 1-, 4- or 16-point calibrations. Based on these measurements, the power to be provided by the signal generators and power amplifiers is determined.

**What influences accuracy?** Firstly, the size of the probe is important. The smaller the probe the better. The change from cubical to spherical probes improved the accuracy. Furthermore, aspects like amplitude linearity, frequency response, temperature drift and non-isotropic behaviour of the probe, are important parameters.

**Superb Isotropy** Isotropic behaviour of E-field probes is rather underexposed. The isotropic response is the dependency, of the measured field strength in relation to the position of the probe in the electric field. The lower this dependency, the better. During testing in an anechoic chamber, the surrounding walls, floor and ceiling will cause reflections. these reflections arrive at the probe elements from different angles. This results in large and unpredictable measurement errors when your probe is not isotropic. Furthermore, isotropic behaviour was often specified at MHz frequencies, while the non-isotropic behaviour will cause substantial measurement errors specifically at higher frequencies. Due to its superior design, the isotropic response of the RadiSense® 10 is improved by typically a factor of 5 compared to the competition. This will lead to a factor of 2 or more improvement of the overall measurement accuracy!



**How is accuracy achieved?** The RadiSense® 10 uses a spherical design with six antenna elements and a laser power supply, providing an extreme small measuring volume. Patented technology is used to optimize the isotropic response. All these factors together make the RadiSense® 10 probe the most accurate, commercially available, E-Field probe in the world. Due to its unique antenna design of the RadiSense® 10 an extremely wide frequency range from 9 kHz to 12 GHz is covered with a single E-field probe. This makes the RadiSense® 10 ideal for nearly all (EMC) test applications. The RadiSense® 10 offers a maximum speed of 100 isotropic measurements per second, enabling fast measurements for all EMC test applications like: Automotive, Military/Aerospace, and Industrial/Telecom testing in anechoic chambers or reverberation chambers.

**Internal calibration data** The linearity adjustment data is by default stored inside the probe. In addition, the frequency response calibration data of the X-Y-Z axis can be stored as user correction data inside the probe. As a result there is no need to apply frequency dependent corrections for individual axis' in software anymore. This feature results in a high accuracy and ease-of-use.

Performance	RSS20101	RSS2010S		
Measuring range (1)	0,1 to 750 V/m			
Damage level	1000 V/m			
Frequency range	9 kHz to 10 GHz (usable up to 12 GHz)	20 MHz to 10 GHz (usable up to 12 GHz)		
Frequency response	± 1 dB (9 kHz – 10 GHz)	± 1 dB (20 MHz – 10 GHz)		
Resolution	0.01 V/m			
Linearity (2)	± 0.5 dB ± 0.5 V/m			
Isotropic deviation (3)	< ± 0.25 dB up to 1 GHz < ± 0.5 dB up to 3 GHz < ± 1.0 dB up to 6 GHz < ± 2.0 dB up to 10 GHz			
Measurement speed (X,Y, Z & ETot)	100 measure	ements/s		
Dimensions				
Shape of housing	Spherical			
Total electrical dimensions	4.9 * 4.9 * 4.9 cm (117 cm <sup>3</sup> )			
iameter of Spherical housing 2.5 cm (0.98 in)		.98 in)		
Environmental conditions				
Temperature range (operating)	0 °C to 40 °C (32 °F to 104 °F)			
Relative humidity (operating)	10 % to 90 % RH			
	(non-condensing)			
Power consumption	Internally	stored		
Factory adjustment data	ISO17025 calibration			
Accredited calibration (4)	Traceble, accredited calibration			
	with calibration certificate (optional)			
Optical LASER power	Max. 0.5 Watt at aperture @ 808 nm			
Laser safety class	Class 1M			
Interfaces & cables				
F.O. connector LASER	FC/PC f	FC/PC fibre		
F.O. connector data	ST/PC fibre			
Fiber length (5)	100 m maximum (Optional)			
Safety				
Interlock	External Interlock & clos	External Interlock & closed loop safety system		
Warranty (6)	3 Years			

1) 0,4 to 750 V/m < 100 MHz only for RSS2010I

2) Linearity is defined over an area of ± 6 dB from the reference point (for example 20 V/m) as defined in the IEC61000-4-3 standard.

3) Isotropy is the maximum deviation from the geometric mean as defined by IEEE 1309-2013.

4) This calibration can be stored inside the probe as user correction data.

5) Probe is delivered with 2.5 m fixed + 10 m extension fiber and FC/ST in-line coupling set as a standard. Other fiber length available on request.

6) Standard one year of warranty is given on Raditeq equipment. After you register your new Raditeq product two (2) years of warranty will be added for free resulting in three (3) years of warranty.



Due to a new patented technology, drastically improving the isotropic behaviour, the RadiSense® 10 is the most accurate electrical field (E-Field) probe in the world! The probe can be used to measure the field strength over a wide frequency band from 9 kHz to 12 GHz. The ongoing endeavour of Raditeq to improve our products, has now resulted in an unprecedented accurate E-Field probe.

**Why is accuracy important?** To perform correct radiated immunity (susceptibility) tests, the absolute electrical field strength must be measured accurately. This is important during actual testing, as well as during verification (substitution test) and during 1-, 4- or 16-point calibrations. Based on these measurements, the power to be provided by the signal generators and power amplifiers is determined.

**What influences accuracy?** Firstly, the size of the probe is important. The smaller the probe the better. The change from cubical to spherical probes improved the accuracy. Furthermore, aspects like amplitude linearity, frequency response, temperature drift and non-isotropic behaviour of the probe, are important parameters.

**Superb Isotropy** Isotropic behaviour of E-field probes is rather underexposed. The isotropic response is the dependency of the measured field strength in relation to the position of the probe in the electric field. The lower this dependency, the better. During testing in an anechoic chamber, the surrounding walls, floor and ceiling will cause reflections. these reflections arrive at the probe elements from different angles. This results in large and unpredictable measurement errors when your probe is not isotropic. Furthermore, isotropic behaviour was often specified at MHz frequencies, while the non-isotropic behaviour will cause substantial measurement errors specifically at higher frequencies. Due to its superior design, the isotropic response of the RadiSense® 10 is improved by typically a factor of 5 compared to the competition. This will lead to a factor of 2 or more improvement of the overall measurement accuracy!

**How is accuracy achieved?** The RadiSense® 10 uses a spherical design with six antenna elements and a laser power supply, providing an extreme small measuring volume. Patented technology is used to optimize the isotropic response. All these factors together make the RadiSense® 10 probe the most accurate, commercially available, E-Field probe in the world. Due to its unique antenna design of the RadiSense® 10 an extremely wide frequency range from 9 kHz to 12 GHz is covered with a single E-field probe. This makes the RadiSense® 10 ideal for nearly all (EMC) test applications. The RadiSense® 10 offers a maximum speed of 100 isotropic measurements per second, enabling fast measurements for all EMC test applications like: Automotive, Military/ Aerospace, and Industrial/Telecom testing in anechoic chambers or reverberation chambers.



**Internal calibration data** The linearity adjustment data is by default stored inside the probe. In addition, the frequency response calibration data of the X-Y-Z axis can be stored as user correction data inside the probe. As a result there is no need to apply frequency dependent corrections for individual axis' in software anymore. This feature results in a high accuracy and ease-of-use.

Performance	RSS2010B	RSS2010H	
Measuring range (1)	0,1 to 750 V/m		
Damage level	1000 V/m		
Frequency range	9 kHz to 10 GHz (usable up to 12 GHz)	20 MHz to 10 GHz (usable up to 12 GHz)	
Frequency response	9 kHz to 10 MHz   - 3 dB to + 1 dB 10 MHz to 1 GHz   - 1 dB to + 1,5 dB 1 GHz to 10 GHz   - 3 dB to + 3,5 dB	20 MHz to 1 GHz   - 3 dB to + 1,5 dB 1 GHz to 10 GHz   - 3 dB to + 3,5 dB	
Resolution	0.01 V/	′m	
Linearity (2)	± 0.5 dB ± 0.5 V/m		
Isotropic deviation (3)	± 0,5 dB up to 1 GHz, typical 0,25 dB < ± 1 dB from 1 GHz up to 3 GHz < ± 5 dB from 3 GHz up to 10 GHz		
Measurement speed (X,Y, Z & ETot)	1000 measuren	nents/s (1.1)	
Dimensions			
Shape of housing	Spherical		
Total electrical dimensions	4.9 * 4.9 * 4.9 cm (117 cm <sup>3</sup> )		
Diameter of Spherical housing	2.5 cm (0.98 in)		
Environmental conditions			
Temperature range (operating)	0 °C to 40 °C (32 °F to 104 °F)		
Relative humidity (operating)	10 % to 90 % RH (Non-condensing)		
Power consumption			
Accredited calibration (4)	Traceable, accredited calibration with calibration certificate (optional)		
Optical LASER power	Max. 0.5 Watt o @ 808	at aperture nm	
Laser safety class	Class	1M	
Interfaces & cables			
F.O. connector LASER	FC/PC fibre		
F.O. connector data	ST/PC fibre		
Fiber length (5)	100 m ma:	ximum	
Safety			
Interlock	External Interlock & clos	ed loop safety system	
Warranty (6)	3 уе	ars	

1) 0,4 to 750 V/m < 100 MHz only for RSS2010B

1.1) Available in RS10 'Burst mode'

2) Linearity is defined over an area of  $\pm$  6 dB from the reference point (for example 20 V/m) as defined in the IEC61000-4-3 standard.

3) Isotropy is the maximum deviation from the geometric mean as defined by IEEE 1309-2013.

4) This calibration can be stored inside the probe as user correction data.

5) Probe is delivered with 2.5 m fixed + 10 m extension fiber and FC/ST in-line coupling set as a standard. Other fiber length available on request.

6) Standard one year of warranty is given on Raditeq equipment. After you register your new Raditeq product two (2) years of warranty will be added for free resulting in three (3) years of warranty

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