LUXA

DS Series SLD Optical Sources

Test Light Sources

The DS benchtop sources use superluminescent diodes for broadband optical measurements. Select the model by center wavelength and spectral characteristics.



Technical specifications

DS301

Output power (mW)	1.0 to 3.0
Center wavelength (nm)	1290 to 1320 (Typical 1305)
Spectral bandwidth (nm)	30 to 45
Long-term stability 8h (%)	0.6 (Typical)/ 2.0 (Maximum)
Short-term stability 1h (%)	0.4 (Typical)/ 0.6 (Maximum)
Ambient operating temperature (°C)	+5 to +40
Reference dimensions (mm)	300×220×85
Current adjustment range	0 to 200mA

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DS Series SLD Optical Sources

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The DS benchtop sources use superluminescent diodes for broadband optical measurements. Select the model by center wavelength and spectral characteristics.



Technical specifications

DS311

Output power (mW)	1.0 to 3.0
Center wavelength (nm)	1290 to 1320 (Typical 1305)
Spectral bandwidth (nm)	30 to 45
Long-term stability 8h (%)	0.6 (Typical)/ 2.0 (Maximum)
Short-term stability 1h (%)	0.4 (Typical)/ 0.6 (Maximum)
Ambient operating temperature (°C)	+5 to +40
Polarization extinction ratio (dB)	≤0.2
Reference dimensions (mm)	300×220×85

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DS Series SLD Optical Sources

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Technical specifications

DS321

Output power (mW)	1.0 to 3.0
Center wavelength (nm)	1290 to 1320 (Typical 1305)
Spectral bandwidth (nm)	30 to 45
Long-term stability 8h (%)	0.6 (Typical)/ 2.0 (Maximum)
Short-term stability 1h (%)	0.4 (Typical)/ 0.6 (Maximum)
Ambient operating temperature (°C)	+5 to +40
Polarization extinction ratio (dB)	≥25
Reference dimensions (mm)	300×220×85

LUXA

DS Series SLD Optical Sources

Test Light Sources

The DS benchtop sources use superluminescent diodes for broadband optical measurements. Select the model by center wavelength and spectral characteristics.



Technical specifications

DS501

Output power (mW)	1.0 to 3.0
Center wavelength (nm)	1530 to 1570 (Typical 1550)
Spectral bandwidth (nm)	30 to 45
Long-term stability 8h (%)	0.6 (Typical)/ 2.0 (Maximum)
Short-term stability 1h (%)	0.4 (Typical)/ 0.6 (Maximum)
Ambient operating temperature (°C)	+5 to +40
Reference dimensions (mm)	300×220×85
Current adjustment range	0 to 200mA

DS Series SLD Optical Sources

Test Light Sources

The DS benchtop sources use superluminescent diodes for broadband optical measurements. Select the model by center wavelength and spectral characteristics.



Technical specifications

DS511

Output power (mW)	1.0 to 3.0
Center wavelength (nm)	1530 to 1570 (Typical 1550)
Spectral bandwidth (nm)	30 to 45
Long-term stability 8h (%)	0.6 (Typical)/ 2.0 (Maximum)
Short-term stability 1h (%)	0.4 (Typical)/ 0.6 (Maximum)
Ambient operating temperature (°C)	+5 to +40
Polarization extinction ratio (dB)	≤0.2
Reference dimensions (mm)	300×220×85

DS Series SLD Optical Sources

Test Light Sources

The DS benchtop sources use superluminescent diodes for broadband optical measurements. Select the model by center wavelength and spectral characteristics.



Technical specifications

DS521

Output power (mW)	1.0 to 3.0
Center wavelength (nm)	1530 to 1570 (Typical 1550)
Spectral bandwidth (nm)	30 to 45
Long-term stability 8h (%)	0.6 (Typical)/ 2.0 (Maximum)
Short-term stability 1h (%)	0.4 (Typical)/ 0.6 (Maximum)
Ambient operating temperature (°C)	+5 to +40
Polarization extinction ratio (dB)	≥25
Reference dimensions (mm)	300×220×85