



atasheet	CAB-LN-1
	Low Noise Cable
Features	 Minimizes triboelectric/microphonic noise Triboelectric noise level reduction up to a factor of 1,000 Assembled with very high quality connectors Highly shielding coaxial design
Applications	 Low signal current, voltage and charge measurements Scanning probe microscopy, photodetectors, ionization detectors, piezo- and pyroelectric sensors etc. For use with FEMTO low noise amplifiers. Strongly recommended for all current amplifiers with gain ≥ 10⁷ V/A Recommended for low frequency applications (≤ 1 MHz)
Specifications	Test conditions $T_A = 25 ^{\circ}\text{C}$
Electrical	$\begin{array}{llllllllllllllllllllllllllllllllllll$
General Data	Cable jacket Connectors BNC plug (male) to BNC plug (male) Minimum bending radius 15 mm (fixed installation) 30 mm (free movement) Maximum operating voltage Temperature range connectors Temperature range cable Weight PTFE, Ø 1.92 mm BNC plug (male) 15 mm (fixed installation) 30 mm (free movement) < 100 V rms -55 °C to +155 °C -190 °C to +200 °C 45 g (for length 1.0 m)
Dimensions	length Length tolerance: +15 mm, -5 mm
Ordering Code	Length Ordering code 0.1 m CAB-LN1-BB-010 0.2 m CAB-LN1-BB-020 0.5 m CAB-LN1-BB-050 1.0 m CAB-LN1-BB-100 1.5 m CAB-LN1-BB-150 2.0 m CAB-LN1-BB-200 3.0 m CAB-LN1-BB-300 5.0 m CAB-LN1-BB-500
FEMTO Messtechnik GmbH Klosterstr. 64 10179 Berlin · Germany Phone: +49 30 280 4711-0 Fax: +49 30 280 4711-11 Email: info@femto.de www.femto.de	Specifications are subject to change without notice. Information provided herein is believed to be accurate and reliable. However, no responsibility is assumed by FEMTO Messtechnik GmbH for its use, nor for any infringement of patents or other rights of third parties which may result from its use. No license is granted by implication or otherwise under any patent or patent rights of FEMTO Messtechnik GmbH. Product names mentioned may also be trademarks used here for identification purposes only. © by FEMTO Messtechnik GmbH · Printed in Germany

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