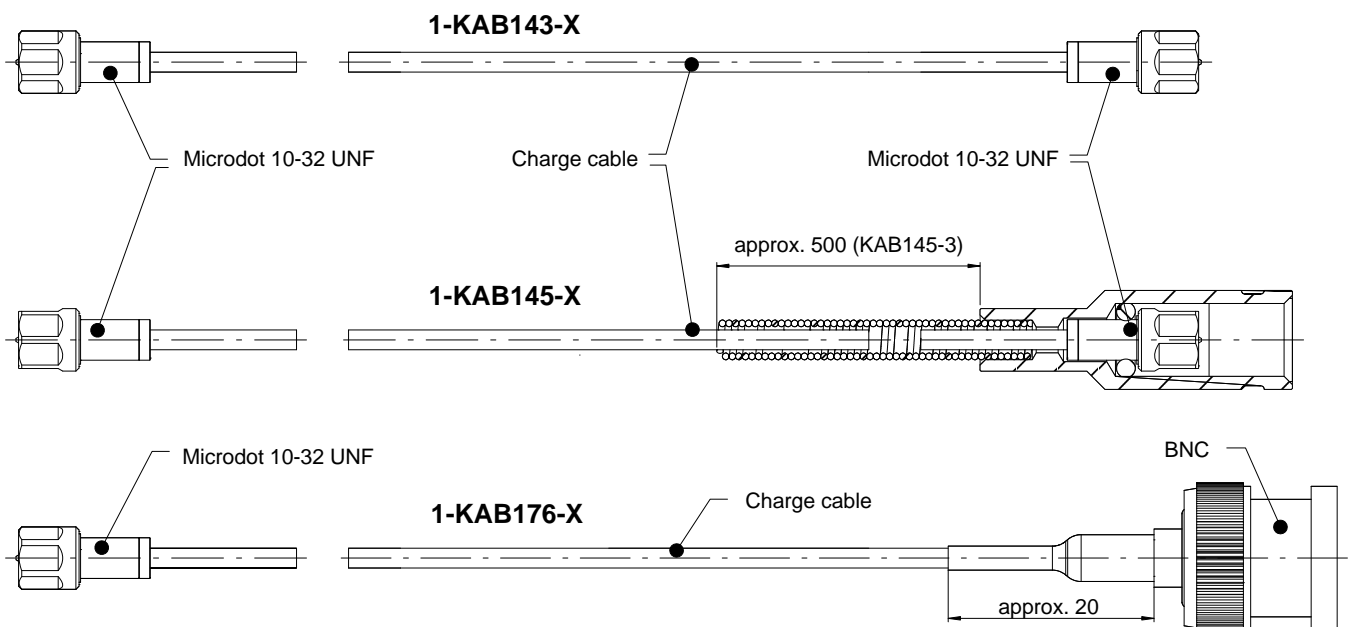


KAB143, KAB145, KAB176

Charge cable for connecting piezoelectric sensors

Special features

- Low-noise coaxial cables
- Wide temperature range
- Different plugs for connecting to all HBM charge amplifiers



Specifications

Cable		KAB143	KAB176	KAB145
Characteristic mechanical values				
Plugs		10-32 UNF at both ends	10-32 UNF to BNC	10-32 UNF at both ends
Cable sheath		PFA		PFA, reinforced with a steel sheath, 530 mm long (3 m cable version) or 150 mm long (0.2 m cable version). O-ring connection to the sensor housing for use under humid ambient conditions
Available lengths	m	0.5; 2; 3; 7; 10	1; 2; 3	0.2; 3
Outside diameter	mm	1.9		1.9 mm, in the steel sheath area, 4 mm
Bending radius (static)	mm	15		15 mm; in the steel sheath area, 40 mm
Bending radius (dynamic)	mm	30		30 mm; in the steel sheath area, 40 mm
Cable sheath material		PFA		
Insulation layer material		PTFE		
Shielding		Semiconducting interlayer, silver-plated copper braid		
Characteristic electrical values/temperature range				
Temperature range	°C	-55 ... +200		
Motion noise	pC	<2		
Insulation at room temperature	Ω	10 ¹⁴		
Impedance	Ω	50 ±5		

Subject to modifications.
All product descriptions are for general information only. They are not to be understood as a guarantee of quality or durability.

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