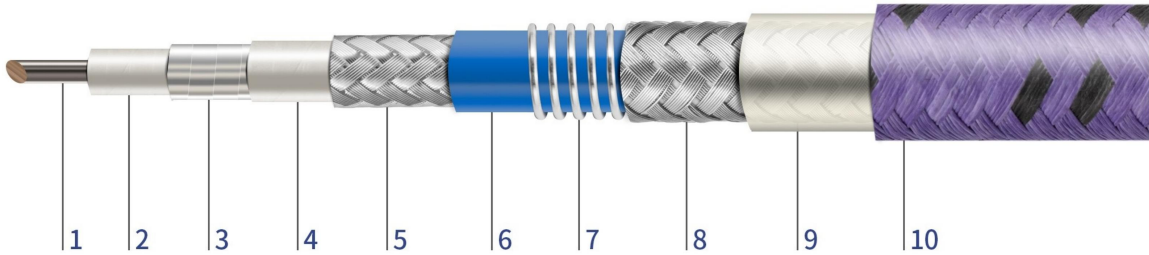


KL-220CA

High-Precision Test Cable — Armored, Phase-Stable Flex Construction



Construction Key

Segment	Layer	Dimension (mm)	Material
1–6	HC220 (base test cable)	2.45	FEP
7–8	A armor Layer	3.60	Silver-Plated Copper
9–10	Outer Jacket	4.80	PTFE

Attenuation & Power Handling (Typical, 25°C / 40°C)

Frequency (MHz)	1000	2000	3000	6000	8000	10000	12400	18000	26500	40000	67000
Attenuation (dB/100m)	63.7	90.8	111.9	160.4	186.5	209.8	235.2	287.1	354.0	444.0	593.2
Avg. Power (kW)	0.110	0.077	0.063	0.044	0.038	0.033	0.030	0.024	0.020	0.016	0.012

Mechanical Performance

Dynamic Bend Radius	Static Bend Radius	Mechanical Phase	Amplitude Stability	Weight
48 mm	24 mm	±7°	±0.05 dB	0.052 kg/m

Main Parameter Indicators

Operating Frequency	VSWR	Flex Life (Repeated Bending)	Operating Temperature
DC–67 GHz	≤ 1.3 @ 67 GHz	100,000 cycles	–55°C ~ +125°C

Features & Benefits

- Low insertion loss
- Low VSWR
- Flex, vibration, torsion and tensile resistant

Typical Applications

- Laboratory test
- Anechoic chamber test
- System test
- High-precision instrument interconnect
- Field test and measurement