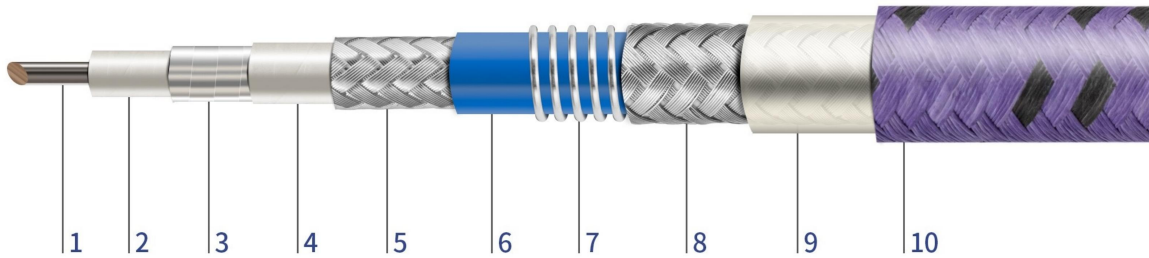


KL-360CA

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



Construction Key

Segment	Layer	Dimension (mm)	Material
1–6	HC360 (base test cable)	3.60	FEP
7–8	Armor Layer	5.10	Silver-Plated Copper
9–10	Outer Jacket	6.10	PTFE

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

Frequency (MHz)	1000	2000	3000	6000	8000	10000	12400	18000	26500	40000	50000
Attenuation (dB/100m)	48.1	68.3	83.9	119.4	138.4	155.2	173.4	210.2	257.1	319.2	359.2
Avg. Power (kW)	0.506	0.356	0.290	0.204	0.176	0.157	0.140	0.116	0.095	0.076	0.068

Mechanical Performance

Dynamic Bend Radius	Static Bend Radius	Mechanical Phase	Amplitude Stability	Weight
60 mm	30 mm	±7°	±0.05 dB	0.095 kg/m

Main Parameter Indicators

Operating Frequency	VSWR	Flex Life (Repeated Bending)	Operating Temperature
DC–50 GHz	≤ 1.25 @ 50 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