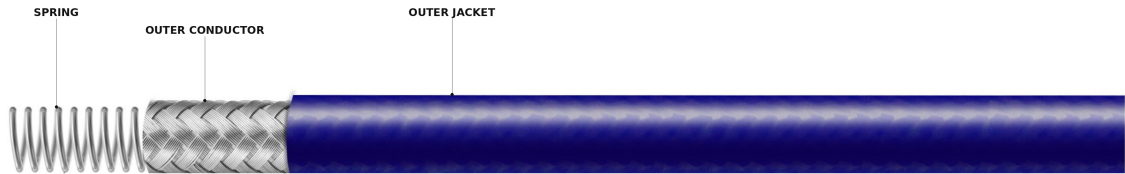


KL-40-PUR(S) — Tensile-Resistant Torsional Spring Armor

Stainless Steel Spring Armor Sleeve, Polyurethane Jacket (Waterproof)



Structure & Materials

Component	Property	Value
Spring	Material	Stainless Steel Wire
Spring	Helix Direction	Right-Hand
Spring	Pitch (No Load)	0.50 mm
Spring	Wire Diameter	0.50 ± 0.05 mm
Spring	Nominal ID / OD	4.00 ± 0.10 / 5.00 ± 0.10 mm
Outer Conductor	Material	Tinned Copper Wire
Outer Conductor	Nominal OD	5.60 ± 0.10 mm
Outer Conductor	Coverage	≥ 90%
Outer Jacket	Material / Color	Elastic Polyurethane, Blue (Custom Colors Available)
Outer Jacket	Nominal OD	7.00 ± 0.15 mm

Mechanical & Environmental

Static Bend R.	Dynamic Bend R.	Weight	Op. Temp.	Waterproof/Oil
35 mm	70 mm	0.062 kg/m	−40°C ~ +80°C	Yes

Typical Applications

- Test cable protection
- Complex / harsh operating environments
- Outdoor deployment
- Long cable-run mechanical protection

Protective armor sleeve — mechanically protects an inner test or RF cable against repeated flexing and torsion. Not a stand-alone RF transmission product; no electrical rating applies.