

KL-22-PTFE(D) — Tensile-Resistant Torsional Tape Armor

Stainless Steel Tape Armor Sleeve, PTFE Jacket — Smallest Size

**Structure & Materials**

Component	Property	Value
Tape Armor	Material	Stainless Steel Tape
Tape Armor	Wrap Direction	Right-Hand
Tape Armor	Pitch (No Load)	0.50 mm
Tape Armor	Tape Cross-Section	1.50 × 0.40 mm
Tape Armor	Nominal ID / OD	2.20 ± 0.10 / 3.00 ± 0.10 mm
Outer Conductor	Material	Tinned Copper Wire
Outer Conductor	Nominal OD	3.35 ± 0.10 mm
Outer Conductor	Coverage	≥ 90%
Inner Jacket	Material / Color	PET, Gold
Inner Jacket	Nominal OD	3.60 ± 0.10 mm
Outer Jacket	Material / Color	PTFE, Purple + Black
Outer Jacket	Nominal OD	4.15 ± 0.15 mm

Mechanical & Environmental

Static Bend R.	Dynamic Bend R.	Weight	Op. Temp.	Waterproof/Oil
21 mm	42 mm	0.040 kg/m	−40°C ~ +165°C	No

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.