



# Product Specifications

## **ATM-INST**

Guitar cables have a hard life. These cables are thrown around, walked on, run over and generally mistreated over their lifespan. A rugged construction is a must but performance quality is also an important factor. Maintaining this performance consistently whilst standing up to punishment is a tall order. Kelsey's **ATM-INST** instrument cable is fabricated with a tough outer jacket that is smooth enough to assure easy dragging across the stage but strong enough to withstand musicians' requirements, whilst offering high tonal quality and bright, clear sound.

Our special semiconductor carbon shield placed between the inner insulator and the screen helps to avoid hum and crackling noises when the cable is moved. Low capacitance ensures sparkling highs and allows longer runs without any nasty surprises. The cable is very flexible and copes with bending and coiling with ease. Diameter of the cable and soft PVC outer jacket allows easy stripping/termination and ensures that the cable holds well in both XLR and Jack plug cable clamps.

Note: When terminating, make sure that the black semiconductor inner screen does not touch the inner conductors. We recommend stripping this screen back at least 3mm from the end of the inner insulator.

**Conductors**

Material	Stranded copper
Size	28 * 0.10 mm (0.22 mm <sup>2</sup> ) AWG 24

**Insulation**

Material	Special PE
Colour	Natural
Shielding	Semi-conductive compound, black

**Screen**

Spiral Screen	Stranded copper
Coverage	Approx. 90% density
Size	0.10mm, AWG 24

**Outer Jacket**

Material	Soft PVC
Colour	Black, matt finish, RAL 9005
Overall Diameter	6.20mm +/- 0.20mm
Shorehardness (A)	65 +/-3
Weight kg/metre	0.045kg
Drum Sizes	500m, 100m, cut lengths
Order Code	KC.ATM-INST

**Technical Data**

Test voltage	1.0kV at 50Hz, effective for 1 minute
Capacitance (C/S)	90pF/m @ 1kHz
Insulation Resistance Min.	20M Ohm/Km at 20°C
Conductor Resistance Max.	88 Ohm/Km at 20°C
Temperature Rating	Static: -30°C to +70°C Operating: -20°C to +70°C
Operating voltage	Max: 50/75V AC/DC RoHS Compliant

**Printing Detail**

ANALOGUE INSTRUMENT CABLE

