

Professional instrument cable

Audio unbalanced instrument



These instrument cables are ideal for stage uses, where mechanical resistance plays a considerable part. For that purpose, this sort of cables would be produced under specific controls in respect of their resistance and stability. The EK.106 instrument cable, designed in favour of professional purposes, keep away external signals from the conductors by using double screening; a conductive plastic layer underneath the copper spiral wound shield provides total protection against interference. The space between the two conductors remain unchanged, because of the special plastic layer insulation, which avoid even under the heaviest load contusions and flexures, and causes therefore a regular electrical performance. The impressive insulation of the conductor creates minimum capacitance, clear sounds and minimum loss.

The unbalanced EK.106 cable, 6 mm.Ø in diameter, is manufactured with a special supplemented PVC cover, in order to provide more flexibility and stability.

• Construction

Symbol	EK.106
Code no.	21336106
Cross-section	0.22mm ² 7x0.20mmØ Cu
Insulation	Cellular PE
Shield	Conductive plastic shield + Copper spiral wound shield
Jacket	PVC (matt)-black/red/blue/green/pink/yellow
Overall diameter	6.0mmØ
Copper weight	6.7 kg / km
Approx. weight	40.0 kg / km
Min. bending radius	static 5 x overall diameter flexing 10 x overall diameter
Standard length	100 mt. reel

• Electrical characteristics

Conductor resistance	< 85 Ohm / km
Shield resistance	< 41 Ohm / km
Capacitance (cond./shield)	92 pF / mt.
Insulation resistance	> 1 Gohm x km