



Retractable Tool Lanyard Cobra (MKII)

The heavy-duty Cobra (MKII) has been completely re-engineered, making it totally unique and far superior as a retractable tool lanyard. The new Cobra has been exclusively developed by Leading Edge and tests now show it can handle an impact load in excess of 200kgs, which the design is required to cope with across three separate drop tests on the same reel, thus proving its operational superiority.

The Cobra is dynamically rated for hand tools weighing up to 5kgs, providing a safety Factor that is over 40 times the maximum tool weight. As its strength, performance and durability are critical in abrasive and intensive field applications, every component has been carefully selected to reflect this.

- The Cobra (MKII) now benefits from a new upgraded structural skeletal frame within a rubberised ABS synthetic housing
- Exclusively woven stainless steel (PU sleeved) wire cable for superior flexibility
- Specially selected Japanese stainless steel main-spring (30 times stronger than standard stainless) providing fade-free smooth operation
- Internal wire to drum high-impact termination assembly (Patent pending)

This highlights just some of the properties that make the Cobra (MKII) special and set it aside from all other reels in the global market today.

**Rated to 5kgs (Dynamically) inline with our testing standards.
 Test - 10kgs weight dropped 2.4M (Fall Factor 2) achieving a 235kgs (typical) impact force (2352N) at a maximum velocity of 6.9m/s**

For more information please see our testing and guidance pages.

FEATURES

Cobra (MKII) design allows the reel housing to be retro-fitting onto any harness webbing straps, specialist harness belt arrangements, normal belts and holsters. Either slide the belt through the slot or simply unscrew and open the belt back slot (bridge) on the rear of the casing, and feed your belt or webbing strap through the slot, close and re-fasten

The reel uses an exclusively woven 1.9mm stainless steel wire cable that is specifically made to be extremely flexible, whilst also providing abrasion resistance properties for strength and increased longevity of operational use

The wire used in the Cobra MKII is encapsulated in a Polyurethane (PU) coating, providing a microscopic smooth surface that enables it to surpass the required Conductivity and Resistivity testing (See dry and wet testing below)

The cable is terminated with an internal wire to drum high-impact assembly (Patent pending), combined with swaged wire/swivel end termination for improved security and performance

Cable retraction is greatly improved with a new larger more powerful specially selected Japanese stainless steel main-spring (30 times stronger than standard stainless steel) increasing life, giving a smoother operation and thus enabling it to handle larger tool loads and constant use

The new housing uses a structurally up-rated fully rubberised ABS synthetic housing, benefiting from a highly strengthened skeletal frame body and moulding supports. Resulting in a shell that's extremely robust, and has strong impact capabilities for use in tough environments and highly repetitive operations.

Other features include all new and upgraded components: axle bearing/shaft, cable drum, exit bush, strengthening plate, securing nuts (moulded into internal housing) anodised screws and washer, rubbers, belt back slot (bridge), swivel, etc.

The Cobra MKII is supplied with a 4.5mmØ stainless steel swivelling end link which is swaged to the wire cable for superior strength. The swivel eliminates cable twist and prevents connector minor axis gate loading. The Swivel also provides maximum selection/configuration options for tool attachment via the use of a suitable connector.

Lanyard length: 1.25m when full extended (without connectors)

Rated for hand-tools up to: 5kgs (Dynamically tested - see testing pages)

Electrical Conductivity and Resistivity Test*: Dry >200 Giga-ohms / Wet >70 Giga-ohms

*Wiring regulations (BS7671). Live working hand tools (EN 60900)

Individually serialised for clear easy inspection, full traceability and control

Cobra Lanyard weight 0.20kgs (without connectors)

The Cobra is configured to work with all leading edge tool tethers, belts and holsters

Size: Housing: 82mmØ / Housing Depth 30mm (Including belt back slot (bridge): 42mm



Code	Name	Description
TOOLCOBRA	Cobra (Retractable Lanyard)	Supplied without connectors
MKIICOBRA-K	Cobra (Retractable Lanyard)	Supplied with Karabiner
MKIICOBRA-M	Cobra (Retractable Lanyard)	Supplied with Mallion