

E-Line KCA-OG Cable Ladder Systems (Medium- & Heavy-Duty)

Product Features

- Open ladder design for safe routing of large power/control cable bundles with excellent ventilation and easy inspection
- High-rigidity side rails with factory-assembled rungs for long spans and heavy loads
- Broad size matrix (multiple widths/heights) with standard 3 m straight lengths for quick, repeatable installation
- Durable finishes for every environment: pre-galvanized and hot-dip galvanized; stainless-steel options for corrosive or hygiene-critical sites
- Strong bolted splice/fishplates deliver mechanical strength and reliable electrical continuity across joints
- Full fittings ecosystem—horizontal/vertical bends & risers, tees, reducers, crosses, drop-outs, partitions, hold-down clamps, and covers
- Seamless compatibility with trapeze, wall, and floor supports (strut/channel frames, threaded rods, cantilever brackets)
- Designed for fast prefabrication on the ground, minimal hot-work at height, and clean, inspectable cable routes

Product Description

E-Line KCA-OG is a robust cable-ladder family engineered for demanding commercial and industrial environments. Its high-strength side rails and secure rung-to-rail connections allow longer support spans and higher cable loads than perforated trays, while the open ladder profile improves heat dissipation and simplifies tying-in or dropping-out cables where needed. With multiple finishes—including hot-dip galvanized and stainless-steel options—the system withstands tough indoor and outdoor conditions. A comprehensive set of fittings, covers, and mounting accessories helps contractors build straight runs and complex changes of direction quickly, with consistent mechanical performance and reliable bonding/earthing.

Product Specifications

System type:	Open cable ladder (medium- & heavy-duty)
Straight length:	~3,000 mm per ladder section
Typical widths*:	~100 / 150 / 200 / 300 / 400 / 450 / 500 / 600 / 750 / 800 / 900 / 1,000 mm
Typical side-rail heights*:	~60 / 100 / 120 / 150 mm
Rung spacing*:	~250–300 mm
Materials & finishes:	Pre-galvanized steel, Hot-Dip Galvanized steel; Stainless-steel (AISI 304/316L)
Joints:	High-strength bolted splice/fishplates; mechanical and electrical continuity maintained
Fittings:	Horizontal/vertical bends & risers, tees, reducers, crosses, flexible bends, expansion joints
Accessories:	Drop-outs, partitions/dividers, hold-down clamps, cable retainers/ties, covers (solid or perforated)
Mounting:	Trapeze hangers with threaded rods, wall cantilevers, floor stands/multi-tier frames
Selection notes:	Choose ladder size/finish by load, span, and environment; consult load/deflection tables

Applications:	Power plants, process/industrial plants, data centers, utilities, commercial buildings
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