

E-Line KCA GRP Cable Tray System (Glass-Reinforced Polyester)

Product Features

- Corrosion- and chemical-resistant GRP (FRP) construction for coastal, industrial, and wash-down areas
- Non-conductive, non-magnetic, halogen-free and low-smoke formulation for safer installations
- UV-stabilized, weather-resistant design for long outdoor service life
- High strength-to-weight ratio; lighter than steel for easier handling and faster installs
- Smooth, rounded edges to protect cable jackets and installer hands
- Ventilated or solid-bottom options with matching covers and fittings
- Stainless-steel hardware and brackets available for aggressive environments
- Integrates with standard trapeze, wall-mount, and floor-stand supports

Product Description

The E-Line KCA GRP Cable Tray System provides a durable, non-metallic pathway for power, control, and data cables wherever corrosion or hygiene is a concern. Built from glass-reinforced polyester, it withstands moisture, salts, many chemicals, and UV exposure while remaining electrically non-conductive. Contractors get a complete, modular kit—straight sections, bends, tees, reducers, covers, and mounting accessories—that installs quickly and adapts cleanly to route changes. The result is a tidy, inspectable cable run with long service life in plants, utilities, tunnels, water treatment facilities, food/pharma, and coastal sites.

Product Specifications

System type:	GRP/FRP cable tray (ventilated and solid-bottom options)
Material:	Glass-reinforced polyester (non-conductive, non-magnetic, halogen-free)
Standard length:	~3 m straight sections (project-cut options available)
Typical widths:	50 / 100 / 150 / 200 / 300 / 400 / 450 / 500 / 600 mm
Typical heights:	50 / 75 / 100 / 150 mm (series-dependent)
Joints:	Mechanical splice plates/couplers; stainless-steel hardware available
Accessories:	Horizontal/vertical bends & risers, tees, reducers, drop-outs, partitions/dividers, covers
Mounting:	Ceiling trapeze with threaded rods, wall cantilevers, floor/multi-tier frames; complete kits available
Environmental durability:	UV-stabilized; corrosion-resistant against moisture, salts, and many chemicals
Electrical:	Non-conductive tray body; provide separate bonding/earthing of metallic support structures
Applications:	Chemical/process plants, wastewater/desalination, tunnels, utilities, food & beverage processing