

E-Line TLS Wire Mesh Cable Basket System (Galvanized & Stainless Options)

Product Features

- Open wire-mesh design for superior ventilation and easy cable inspection
- Fast, tool-light mechanical couplers—no on-site welding or hot work
- Rounded safety wires/deburred edges to protect cable jackets and installers
- Bends/tees/risers can be formed on site by cutting and folding the mesh
- High-corrosion-resistance finishes: electro-galvanized, hot-dip galvanized, and stainless (AISI 304/316L)
- Reliable electrical continuity across joints; earthing/bonding kits available
- Broad accessory ecosystem: splice plates, drop-outs, dividers, covers, hangers, cantilever arms
- Compatible with E-Line strut/support families for ceiling trapeze, wall, and multi-tier frames
- Clean, minimalist aesthetic suitable for exposed installations
- Ideal for food & beverage, pharma/cleanrooms, data centers, coastal and industrial sites

Product Description

E-Line TLS is a stainless and galvanized wire-mesh cable basket system engineered for fast, flexible routing of power, control, and data cabling. The open structure keeps cables cool and visible, while quick mechanical couplers and on-site formability slash installation time and reduce the need for prefabricated fittings. With robust finish options, comprehensive accessories, and dependable electrical bonding, TLS delivers long service life in demanding commercial and industrial environments.

Product Specifications

System type:	Wire mesh cable basket
Materials:	Electro-galvanized steel; Hot-Dip Galvanized steel; Stainless steel AISI 304/316
Wire diameter (typ.):	~4–5 mm
Tray heights (typ.):	~35 / 60 / 110 mm
Tray widths (typ.):	~50 / 100 / 150 / 200 / 300 / 400 / 450 / 500 / 600 mm
Standard length:	~3 m per tray section
Couplers/joints:	Mechanical splice/coupler kits providing mechanical strength and electrical continuity
Accessories:	Splice plates, drop-outs, partitions/dividers, covers (solid/perforated), end caps, etc.
Mounting:	Ceiling trapeze with threaded rods, wall brackets, under-floor and multi-tier struts
Surface finish:	Electro-galvanized, Hot-Dip Galvanized; stainless trays pickled/passivated (electropolished)
Bonding/earthing:	Continuity via couplers; earthing clamp kits available
Environment:	Indoor/outdoor; corrosion-resistant and easy to sanitize
Standards/selection:	Select size/finish by load, span, and environment; consult load/deflection tables