



12.3.1. Ladder Straight Cable Tray

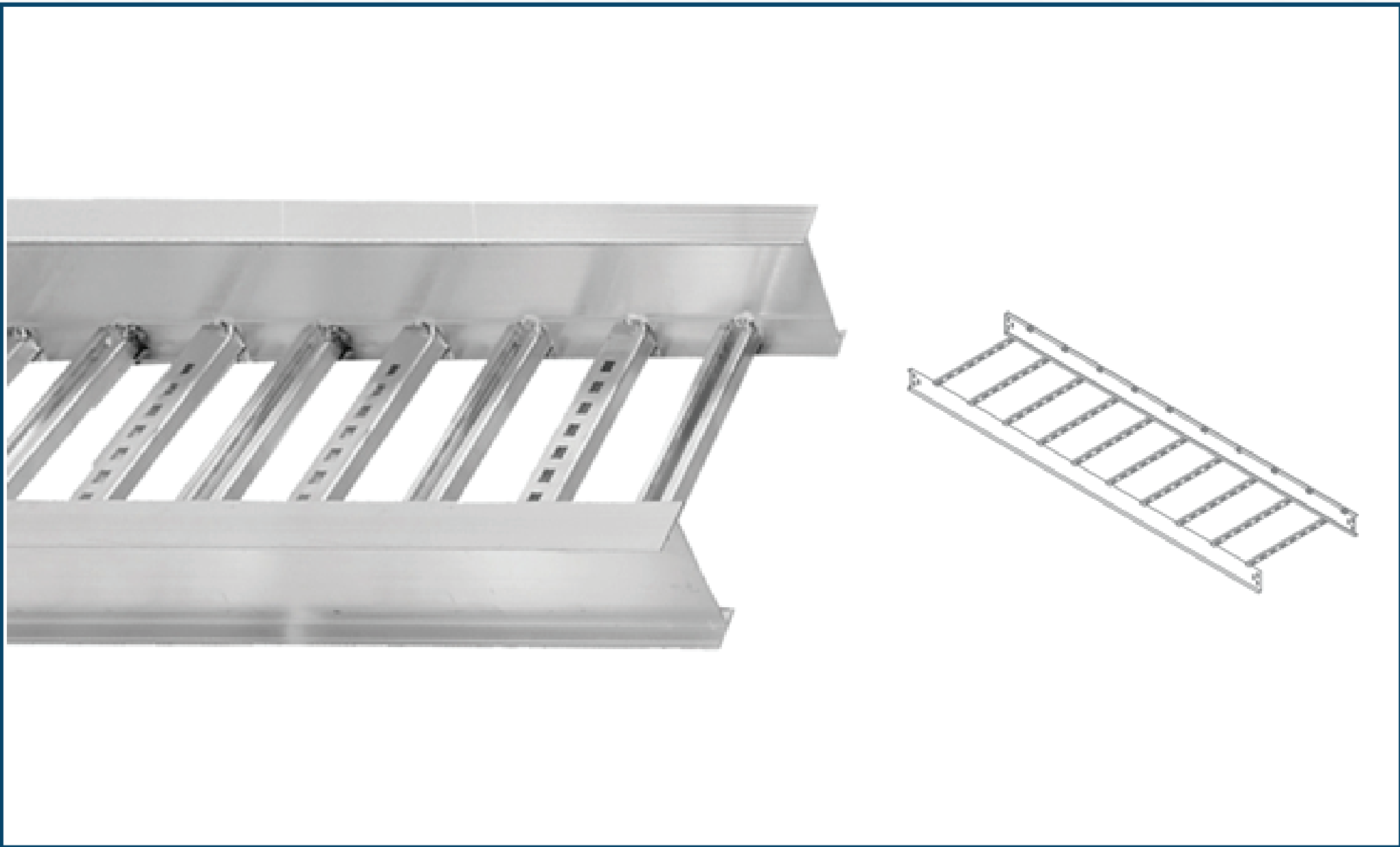
Product Overview:

Ladder cable trays are designed to support various load capacities. Industries requiring heavy-duty support, like manufacturing or data centers, can opt for trays with increased thickness and structural reinforcements. Hitech provides standard thickness for industrial applications that ranges from 1mm to 2mm, depending on the load requirement.

Ladder cable trays are crucial in industrial settings where organized and safe cable management is needed. These trays offer robust support, efficient ventilation, and easy access, making them an ideal choice across a wide range of industries, from manufacturing to telecommunications. Here's an overview of typical features, specifications, materials, and options for industrial applications:

Ladder cable trays are metal trays with two parallel side rails connected by cross rungs (or rungs) at regular intervals which provide excellent support for cables while allowing ventilation to reduce heat buildup. The trays can handle both power and data cables, preventing cable sagging and promoting a clean, organized environment.

At Hitech, Cable trays are available in a variety of widths, from 150mm up to 1000mm or more, to accommodate different cable bundle sizes and flange height ranges from 50mm to 100mm, selected based on the required cable capacity. Standard lengths are usually 2.4 meters and 3 meters, but custom lengths can be requested. This design allows for flexible cable fixing options and enhanced ventilation. Our Design meets industry standards (e.g., NEMA VE-1, IEC 61537) for load-bearing capacity, fire resistance, and durability. This design makes it easy for technicians to access cables for troubleshooting, adding cables, or replacing damaged sections. Design enable efficient heat management, which is critical in facilities with high-density cabling like data centers and control rooms



Technical Specifications:

Material	Hot Rolled Steel Sheet to BS 1449
Strength	Light, Medium and Heavy Duty

Features:

- Corrosion Resistance
- Ease of Maintenance
- Enhanced Airflow and Heat Dissipation
- Efficient Cable Management
- Durability
- Safety and Reliability
- Fire Safety Compliance
- Noise Reduction

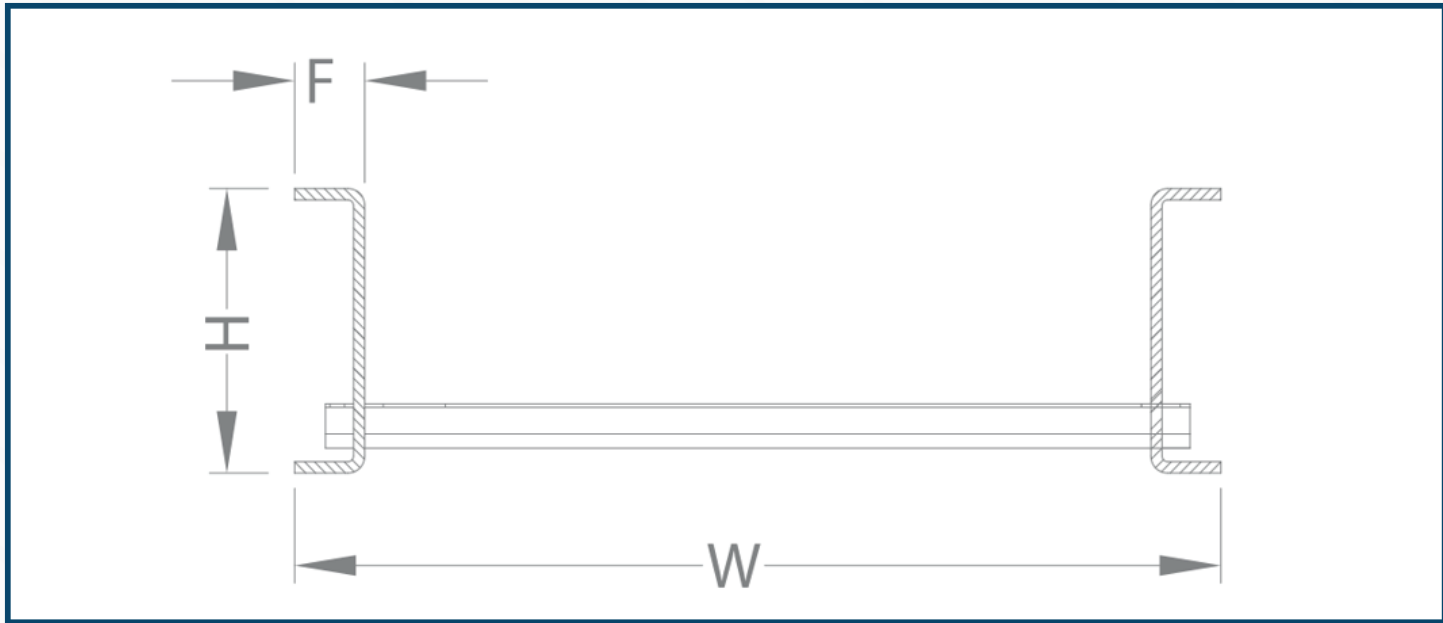
Applications:

- Commercial Buildings
- Industrial Facilities.
- Telecommunications Sector
- Oil & Gas and Offshore Platforms
- Renewable Energy Installations
- Educational and Institutional Buildings
- Healthcare Facilities

12.3.1.3. Heavy Duty-Straight Cable Tray (Thickness: 2 mm)

Product Code	Tray Type	H (mm)	W (mm)	Th (mm)	L (m)
HTLS75/400-20	IF/OF	75	400	2	2.44/3
HTLS100/400-20	IF/OF	100	400	2	2.44/3
HTLS50/450-20	IF/OF	75	450	2	2.44/3
HTLS100/450-20	IF/OF	100	450	2	2.44/3
HTLS100/500-20	IF/OF	100	500	2	2.44/3
HTLS100/600-20	IF/OF	100	600	2	2.44/3
HTLS100/700-20	IF/OF	100	700	2	2.44/3
HTLS100/800-20	IF/OF	100	800	2	2.44/3
HTLS100/900-20	IF/OF	100	900	2	2.44/3

*Note: Customized Sizes are Available



Coating Types	
HDG	Hot Dip Galvanized
GI	Pre-Galvanized
AL	Aluminum
P. C.	Powder Coated

Tray Type	
Inside Flanged (IF)	Outside Flanged (OF)

