



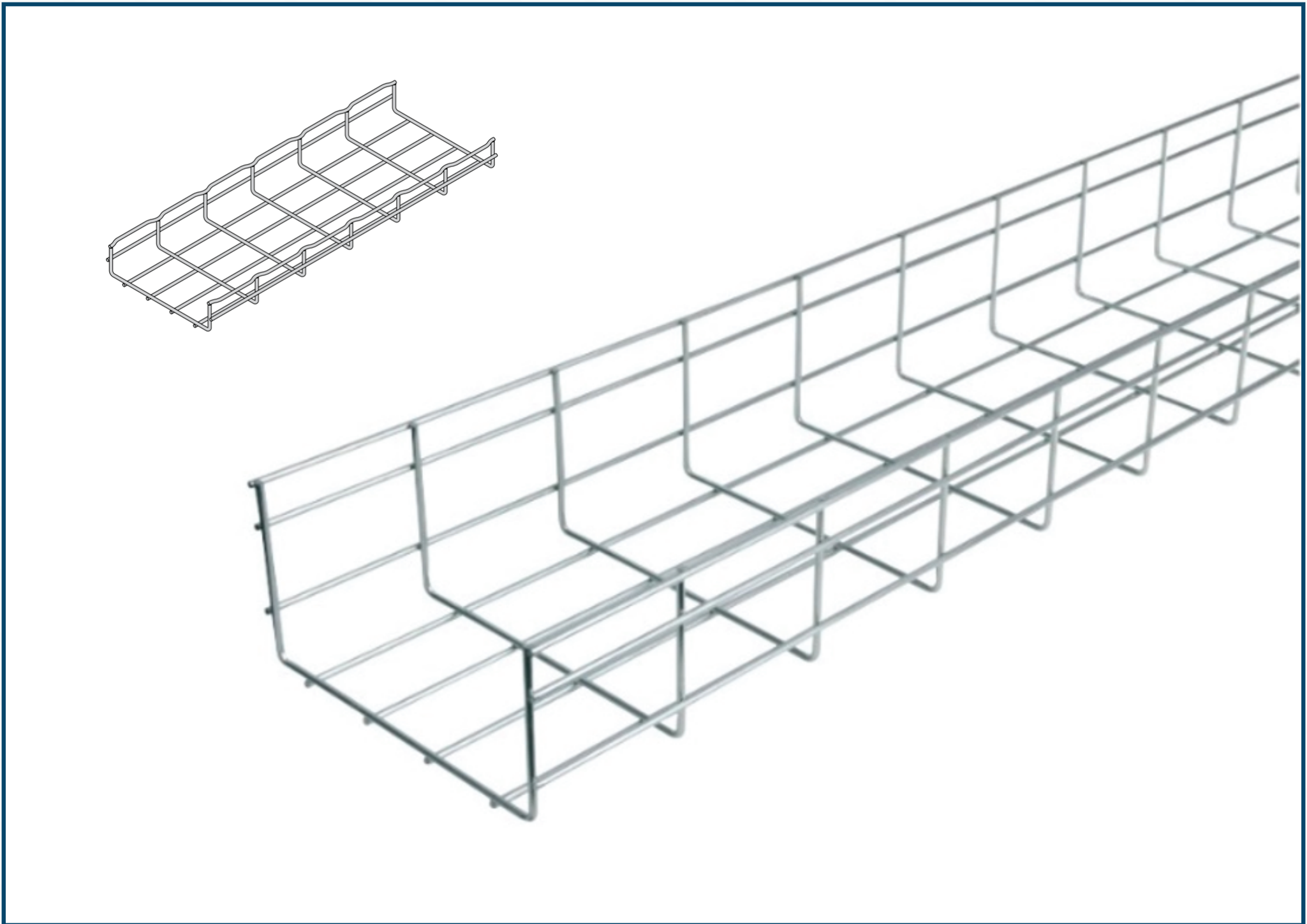
12.4.1. Straight Cable Tray

Product Overview:

Wire Mesh/Basket cable trays are designed to support various load capacities. Hitech provides standard diameter for industrial applications of 4mm and 5mm, depending on the load requirement. They are particularly suited for applications where frequent changes in cabling are expected or where airflow around cables is essential. Wire mesh cable trays are designed to support and manage electrical cables in data centers, industrial facilities, and commercial buildings. The open-grid design ensures excellent ventilation and reduces heat buildup, extending the lifespan of cables. At Hitech, Cable trays are available in a variety of widths, from 50mm up to 900mm or more, to accommodate different cable bundle sizes and flange height ranges from 50mm to 150mm, selected based on the required cable capacity. Standard length is usually 3 meters, but custom lengths can be requested. These designs allow 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. Perforations enable efficient heat management, which is critical in facilities with high-density cabling like data centers and control rooms

Applications:

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



Technical Specifications:

Material	Hot Rolled Steel Sheet to BS 1449
Strength	Wire Diameter 4 mm & 5mm

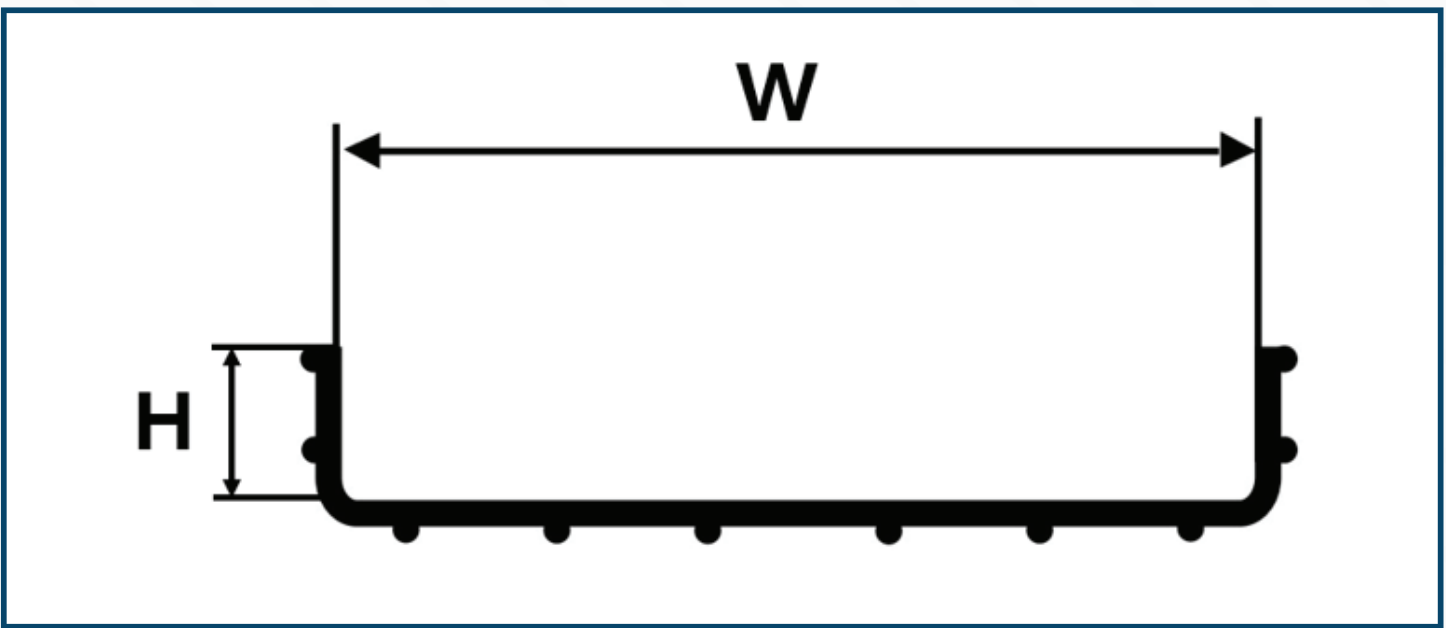
Features:

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

12.4.1.1. Standard Thickness-Wire Mesh Straight Cable Tray

Product Code	Tray Type	H (mm)	W (mm)	Th (mm)	L (m)
HTMS50/50-4	C/G	50	50	4	3
HTMS100/50-4	C/G	100	50	4	3
HTMS150/50-4	C/G	150	50	4	3
HTMS50/100-4	C/G	50	100	4	3
HTMS100/100-4	C/G	100	100	4	3
HTMS150/100-4	C/G	150	100	4	3
HTMS50/150-4	C/G	50	150	4	3
HTMS100/150-4	C/G	100	150	4	3
HTMS150/150-4	C/G	150	150	4	3
HTMS50/200-4	C/G	50	200	4	3
HTMS100/200-4	C/G	100	200	4	3
HTMS150/200-4	C/G	150	200	4	3
HTMS50/250-4	C/G	50	250	4	3
HTMS100/250-4	C/G	100	250	4	3
HTMS150/250-4	C/G	150	250	4	3

*Note: Customized Sizes are Available



Tray Type	
C-Shaped	G-Shaped

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

