

Article Overview

Stainless steel cable trays are available in a wide range of standard and custom sizes, with widths from 25mm to 900mm, heights from 25mm to 125mm, and lengths typically from 3m to 6m, with customization options to meet specific project requirements.

Standard Sizes and Materials

Stainless steel cable trays are commonly manufactured in grades 304 and 316, offering excellent corrosion resistance for indoor and outdoor applications, including harsh environments like marine, petrochemical, and food processing industries . Standard widths range from 50mm to 900mm, with heights from 25mm to 125mm, and lengths typically in 3m, 6m, 10ft, 12ft, 20ft, or 24ft increments . Rung spacing for ladder-type trays is usually 6, 9, or 12 inches, depending on load requirements .

Customization Options

Custom stainless steel cable trays can be tailored in:

- o Width, height, and length to fit specific installation spaces .
- o Mesh or ladder designs, including wire mesh trays for small-diameter cables or ladder trays for heavy-duty applications .
- o Optional covers for protection against dust, debris, or accidental contact .
- o Special fittings such as bends, tees, risers, and couplers to create complex routing systems .
- o Load capacity adjustments, with trays engineered to support concentrated loads up to 200 lbs per rung with safety factors .

Applications and Advantages

Custom stainless steel cable trays are ideal for:

- o Industrial and heavy-duty installations in oil, gas, nuclear, and marine sectors .
 - o Commercial and IT environments, including telecommunication houses and data centers .
 - o Outdoor or corrosive environments, where stainless steel ensures longevity and minimal maintenance .
- Advantages include excellent corrosion resistance, lightweight construction, good air circulation for heat dissipation, flexible installation, and aesthetic appeal .

Summary

When selecting custom stainless steel cable trays, consider:

Custom Stainless Steel Cable Tray Sizes

- o Material grade (304 for general use, 316 for highly corrosive environments)
 - o Tray type (wire mesh, ladder, or solid-bottom)
 - o Dimensions (width, height, length, and rung spacing)
 - o Load requirements and optional covers
 - o Fittings and accessories for complex routing
- These options ensure a tailored solution that meets both functional and environmental requirements while maintaining compliance with industry standards .

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B-Line series Stainless steel cable tray is fabricated from continuous roll-formed American Iron and Steel Institute (AISI) type 304,

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Stainless steel cable trays have anti-corrosion, heat-resistant properties for laying cables in oil, gas,

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When selecting a Stainless Steel Cable Tray, it is essential to consider the various sizes and configurations available to ensure the

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Custom Stainless Steel Cable Tray Sizes

10130/BS EN 10131/

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