

Cable Ladder & Cable Tray

Roll-formed ladder, perforated tray and channel tray

Roll-formed cable support systems in the three common forms — ladder (rungs), perforated tray and channel tray (single rail). Width, height and material finish are chosen with the cable load and the environment.

Standard widths

System	Standard widths
NEMA / imperial market	6, 9, 12, 15, 18, 24, 30, 36, 42, 48 in.
Metric market	100, 150, 200, 300, 400, 500, 600 mm
Channel tray (single rail)	Typically 2 – 6 in. (50 – 150 mm)

Data that is usually specified

Material & finish	Hot-dip galvanised after fabrication, or pre-galvanised coil; stainless and GRP where specified
Loading	Safe working load per span and support spacing come from the manufacturer's load table, not from this sheet
Fitting radii	Cable ladder fittings commonly 12 in. (305 mm), 24 in. (610 mm), 36 in. (915 mm)
Accessories	Covers, supports, hangers, splice plates, cable clamps

Standards referenced

IEC 61537 (cable management — cable tray systems and cable ladder systems) · NEMA VE 1 (metal cable tray systems — manufacturing requirements) · NEMA VE 2 (cable tray installation guidelines) · GB/T 21762.2 (the Chinese adoption of IEC 61537-2, where the metric market specifies it) · IEC 61537 / NEMA compliance is verified through testing, not claimed from the standard alone

Need a quote? Tell us the system type, width, finish, load and total length.

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