CABLE TRAY SYSTEM

Ladder Cable Tray

Two formed side rails joined by welded, slotted rungs. The open construction carries large power cables over long support spans, lets heat escape and gives a clamping point at every rung.



01 / HF-Q-T-01A

KEY DATA

Width	50–800 mm
Height	25–200 mm
Thickness	1.0–2.5 mm
Standard length	3 m
Model series	HF-Q-T-01A / HF-S6-T-01A
Construction	Side rails + rungs

Made to order up to W 1,200 mm, side rail height 25–300 mm, lengths 2–9 m and thickness 0.6–3.0 mm.

MATERIALS & FINISHES

MATERIAL / FINISH	TYPICAL ENVIRONMENT	ISO 9223
Pre-galvanized steel	Dry interiors: offices, data halls, plant rooms.	C1–C2
Hot-dip galvanized (after fabrication)	Outdoor racks, humid process halls, car parks, tunnels.	C3–C4
ZAM · zinc-aluminium-magnesium	Humid interiors and sheltered outdoor runs where pre-galvanized sheet is not enough.	C3–C4
Electrostatic powder coating	Interiors where circuits are colour-coded or appearance matters.	C1–C3
Duplex · HDG + powder coat	Coastal and outdoor runs that also need a colour.	C4–C5
Stainless steel 304	Food, pharma, cleanrooms; general outdoor runs away from chlorides.	Hygienic · C3–C4
Stainless steel 316	Ports, offshore-adjacent plants, refineries, wastewater.	C4–C5 · CX
Aluminium alloy	Weight-sensitive structures and non-magnetic requirements.	C3–C4

TYPE TEST · IEC 61537:2023 · SGS-CSTC (QINGDAO)

Test span / SWL	1,200 mm · 2,680 N/m	Overload 1.7 × SWL	4,556 N/m · no collapse
Mid-span deflection, galv. W300 / W600	4.62 / 8.01 mm	Electrical continuity	10–15 mΩ (≤ 50 mΩ)
Mid-span deflection, stainless	3.66 / 3.05 mm	Corrosion, post-galvanised	Class 8 · 85 µm
Deflection limit	12 mm (L/100)	Corrosion, pre-galvanised	Class 1 · 5.6 µm

Certificates QDPL2406001066-1 / QDPL2406001066-4 · reports QDPL2406001066TF-1 / QDPL2406001066TF-4 · holder Shandong Hongfeng Electric Group Co., Ltd. · Metallic · non-flame propagating · electrically continuous · conductive

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STANDARD SERIES · IEC 61537:2023 SERIES LIST (SGS QDPL2406001066TF-1)

MODEL	W	H	T	SWL N/M
HF-Q-T-01A-5025	50	25	1.0	78
HF-Q-T-01A-6025	60	25	1.0	92
HF-Q-T-01A-6040	60	40	1.0	368
HF-Q-T-01A-6050	60	50	1.0	708
HF-Q-T-01A-8040	80	40	1.0	491
HF-Q-T-01A-8050	80	50	1.0	946
HF-Q-T-01A-8060	80	60	1.0	1,280
HF-Q-T-01A-10050	100	50	1.2	1,100
HF-Q-T-01A-10060	100	60	1.2	1,350
HF-Q-T-01A-10080	100	80	1.2	1,450
HF-Q-T-01A-100100	100	100	1.2	1,710
HF-Q-T-01A-15050	150	50	1.5	1,180
HF-Q-T-01A-15060	150	60	1.5	1,410
HF-Q-T-01A-15080	150	80	1.5	1,570
HF-Q-T-01A-150100	150	100	1.5	1,820
HF-Q-T-01A-20050	200	50	1.5	1,230
HF-Q-T-01A-20060	200	60	1.5	1,480
HF-Q-T-01A-20080	200	80	1.5	1,680
HF-Q-T-01A-200100	200	100	1.5	1,960
HF-Q-T-01A-200150	200	150	1.5	2,150
HF-Q-T-01A-25050	250	50	1.5	1,290
HF-Q-T-01A-25060	250	60	1.5	1,560
HF-Q-T-01A-25080	250	80	1.5	1,820
HF-Q-T-01A-250100	250	100	1.5	2,090
HF-Q-T-01A-250150	250	150	1.5	2,350

MODEL	W	H	T	SWL N/M
HF-Q-T-01A-30050	300	50	1.5	1,310
HF-Q-T-01A-30060	300	60	1.5	1,650
HF-Q-T-01A-30080	300	80	1.5	1,980
HF-Q-T-01A-300100	300	100	1.5	2,150
HF-Q-T-01A-300150	300	150	1.5	2,460
HF-Q-T-01A-30020	300	200	1.5	2,680
HF-Q-T-01A-40050	400	50	2.0	1,380
HF-Q-T-01A-40060	400	60	2.0	1,700
HF-Q-T-01A-40080	400	80	2.0	2,050
HF-Q-T-01A-400100	400	100	2.0	2,260
HF-Q-T-01A-400150	400	150	2.0	2,590
HF-Q-T-01A-400200	400	200	2.0	2,760
HF-Q-T-01A-50060	500	60	2.0	1,810
HF-Q-T-01A-50080	500	80	2.0	2,150
HF-Q-T-01A-500100	500	100	2.0	2,310
HF-Q-T-01A-500150	500	150	2.0	2,650
HF-Q-T-01A-500200	500	200	2.0	2,890
HF-Q-T-01A-60080	600	80	2.0	2,250
HF-Q-T-01A-600100	600	100	2.0	2,680
HF-Q-T-01A-600150	600	150	2.0	2,890
HF-Q-T-01A-600200	600	200	2.0	3,010
HF-Q-T-01A-800100	800	100	2.5	2,790
HF-Q-T-01A-800150	800	150	2.5	3,080
HF-Q-T-01A-800200	800	200	2.5	3,350

Length 3,000 mm. Suffix -E8 pre-galvanized, -H8 post-galvanized (hot-dip); stainless series prefix HF-S6. Declared SWL as listed in the SGS reports. Made to order up to W 1,200 mm, side rail height 25–300 mm, lengths 2–9 m and thickness 0.6–3.0 mm.

SPECIFYING

State width × height, thickness, length, material / finish, quantity in metres, and the fittings, covers and supports per run. Final selection, spans and accessories are confirmed by HONGFENG engineering with the quotation.

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