CABLE TRAY SYSTEM

Cable Trunking

A solid base and side walls with an optional cover. Enclosed runs protect control, instrumentation and sensitive circuits from impact, dust and electromagnetic interference; dividers segregate circuits inside one run.



03 / HF-Q-C-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-C-01A / HF-S6-C-01A
Construction	Solid base + optional cover

Covers, dividers and non-standard sizes are made to drawing.

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	6.17 / 5.77 mm	Electrical continuity	10–15 mΩ (≤ 50 mΩ)
Mid-span deflection, stainless	7.20 / 5.76 mm	Corrosion, post-galvanised	Class 8 · 85 µm
Deflection limit	12 mm (L/100)	Corrosion, pre-galvanised	Class 1 · 5.6 µm

Certificates QDPL2406001066-3 / QDPL2406001066-6 · reports QDPL2406001066TF-3 / QDPL2406001066TF-6 · holder Shandong Hongfeng Electric Group Co., Ltd. · Metallic · non-flame propagating · electrically continuous · conductive

HONGFENG POWER TECHNOLOGY LIMITED
Hongfeng Electric Group

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STANDARD SERIES · IEC 61537:2023 SERIES LIST (SGS QDPL2406001066TF-3)

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

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

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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