

Insulating cable trays
U48X halogen free ·
Colour grey

66

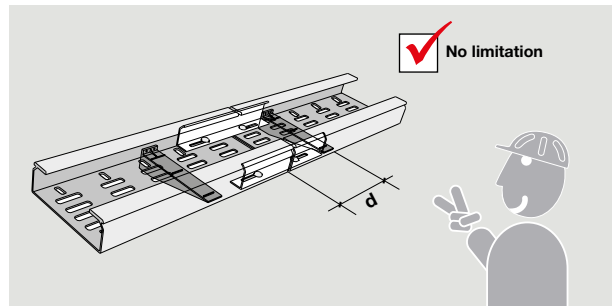
Useful cross-sections and Safe working load

Designed to work at 100% cable capacity

Safe working load test **Type I acc./IEC 61537***

- Longitudinal deflection < 1% and transverse deflection < 5%.
- Safety coefficient **1.7**.

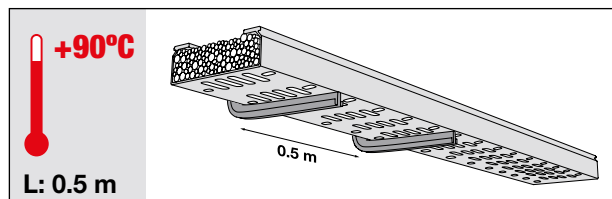
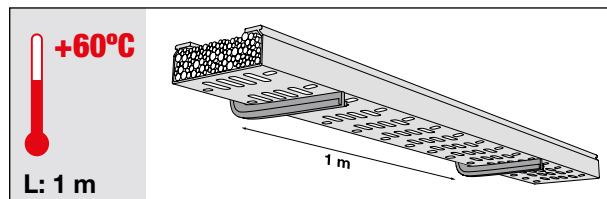
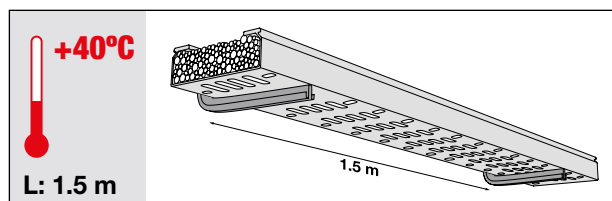
Allows placing the junctions at any point between two brackets, assuring the safe admissible load.



Type I full load

Higher safety for the installation.

Simplification of the calculations on cable management system design, execution and control of the installation. Load resistance in future extension of the installation.

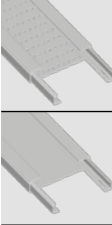



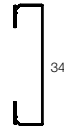
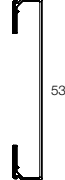


Safe working load (SWL) in (kg/m) or (N) acc/ IEC 61537*

Sizes (mm)	60x100	60x200	60x300	100x400	100x600
Admissible load (Kg/m) SWL	10.8	22.5	33.7	77.2	116.5
Admissible load (N) SWL	105	220	330	756	1141

For cable trays of width ≥ 300 mm the use of a base union is necessary to comply with the requirements of full load transverse deflection defined by international cable trays Standard IEC 61537.

Useful cross-sections (mm²)

Sizes (mm)		60x100	60x200	60x300	100x400	100x600
<div style="border: 1px solid black; border-radius: 10px; padding: 2px; display: inline-block;">Grey</div> RAL 7038						
Part numbers perforated cable tray		66100-48	66200-48	66300-48	66420-48	66620-48
Part numbers non perforated cable tray		66101-48	66201-48	66301-48	66421-48	66621-48
		 4349	 9900	 15301	 34506	 53492
Divider	Section occupied	344	344	344	534	534
	Max. no. of compartments	2	5	7	11	17
Reinforced divider	Section occupied	343	343	343	673	673
	Max. no. of compartments	1	2	3	5	5

Load test conditions TEST TYPE I acc./IEC 61537*

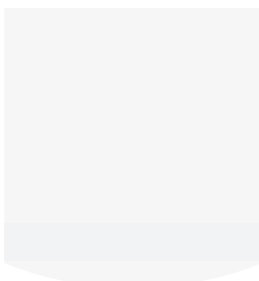
<div style="border: 1px solid black; border-radius: 10px; padding: 2px; display: inline-block;">U48X</div>			
Temperature	40°C	60°C	90°C
Distance between supports (L)	1.5 m	1 m	0.5 m
Longitudinal deflection	Lower than 1% of the distance between supports		
Transverse deflection	Lower than 5% of the tray's width		

Safe working load (SWL) in (kg/m) or (N) acc/ IEC 61537*

Sizes (mm)	60x100	60x200	60x300	100x400	100x600
Admissible load (Kg/m) SWL	10.8	22.5	33.7	77.2	116.5
Admissible load (N) SWL	105	220	330	756	1141

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*BS EN 61537 is the UK implementation of EN 61537 and IEC 61537.



Supports. Safe working load (SWL) (Kg) or (N) acc./IEC 61537*

U48X

Temperature		40°C	60°C	90°C
Admissible deflection		Lower than 5% of the length of the support		
Overload without collapsing (Deformation is admitted)		1.7 times the safe working load declared		
	Part no.	Insulating horizontal support		
	66103-48	35 kg (343 N)	25 kg (245 N)	5.4 kg (52 N)
	66203-48	60 kg (588 N)	40 kg (392 N)	11.3 kg (110 N)
	66303-48	60 kg (588 N)	40 kg (392 N)	16.9 kg (165 N)
	66403-48	116 kg (1134 N)	77 kg (756 N)	38.6 kg (378 N)
	66603-48	175 kg (1712 N)	116.5 kg (1141 N)	58 kg (568 N)
	Part no.	Insulating vertical support		
	66155-48	25 kg (243 N)	16.6 kg (162 N)	
	66205-48	56 kg (554 N)	37.6 kg (369 N)	
	66305-48	86 kg (842 N)	57.3 kg (561 N)	
	66405-48	116 kg (1134 N)	77.2 kg (756 N)	
	66605-48	175 kg (1712 N)	116.5 kg (1141 N)	

In Steel sendzimir, Galvanized steel with grey epoxy coating or steel AISI 304 with epoxy coating

Temperature		40°C, 60°C and 90°C		
Admissible deflection		Lower than 5% of the length of the support		
Overload without collapsing (Deformation is admitted)		1.7 times the safe working load declared		
	Steel sendzimir	Steel epoxy	Steel AISI 304	Metallic horizontal support
Part no.		66424	66423	116 kg (1137 N)
		66524	66523	145 kg (1421 N)
		66624	66623	175 kg (1715 N)
	Steel sendzimir	Steel epoxy	Steel AISI 304	Metallic L support
Part no.	66107	66106		90 kg (882 N)
	66207	66206		55 kg (540 N)
	66307	66306		51 kg (500 N)

*BS EN 61537 is the UK implementation of EN 61537 and IEC 61537.