

Insulating cable trays
U23X · Colour grey

66

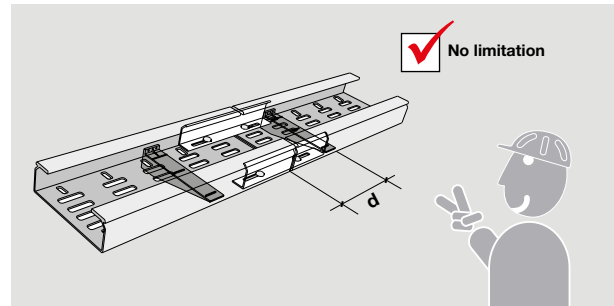
Useful cross-sections and Safe working load

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**.

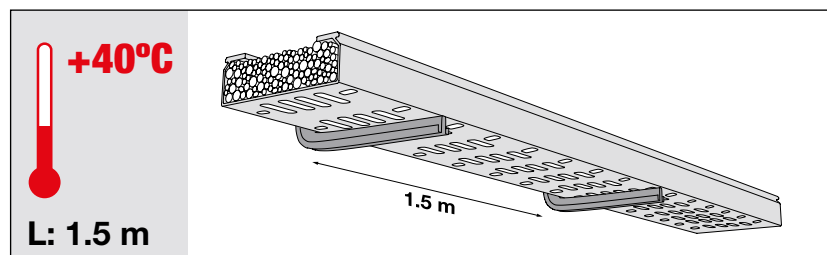
Allows placing the junctions at any point between two brackets, assuring the safe admissible load.



Type I full load

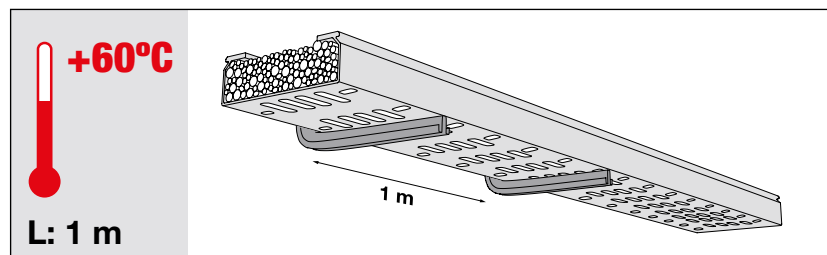
Higher safety for the installation.

Simpler calculation process in the design of the cable tray, execution and control of the installation. Load resistance in future extensions of the installation.



Unex has designed a cable tray which is able to:

- Support the load of all the cables that may fit in the tray, considering the filling ratio.

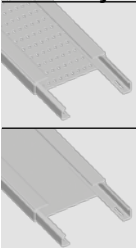




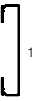








Safe working load (SWL) in (kg/m) or (N) acc/ IEC 61537*

Sizes (mm)	60x75	60x100	60x150	60x200	60x300	60x400	100x200	100x300	100x400	100x500	100x600
Safe working load (Kg/m) SWL	7.9	10.8	16.6	22.5	33.7	45.6	37.6	57.3	77.2	96.6	116.5
Safe working load (N) SWL	78	105	162	220	330	446	369	561	756	946	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)										
		60x75	60x100	60x150	60x200	60x300	60x400	100x200	100x300	100x400	100x500	100x600
<div style="border: 1px solid black; border-radius: 10px; padding: 2px; display: inline-block;">Grey</div> RAL 7035												
Part numbers Perforated cable tray		66090	66100	66150	66200	66300	66400	66220	66320	66420	66520	66620
Part numbers Non perforated cable tray		66091	66101	66151	66201	66301	66401	66221	66321	66421	66521	66621
		 2910	 4349	 7132	 9900	 15301	 20789	 16077	 25231	 34506	 44064	 53492
Divider	Section occupied		344	344	344	344	344	534	534	534	534	534
	Max. no. of compartments	1	2	3	5	7	11	4	7	11	15	17
Reinforced divider	Section occupied			343	343	343	343	673	673	673	673	673
	Max. no. of compartments	1	1	2	2	3	5	2	3	5	5	5

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

		U23X										
Temperature		40°C						60°C				
Distance between supports (L)		1.5 m						1 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)										
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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*

U23X

Temperature	40°C	60°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	35kg (343 N)	25kg (245 N)
66153	45kg (441 N)	30kg (294 N)
66203	60kg (588 N)	40kg (392 N)
66303	60kg (588 N)	40kg (392 N)
66403	116kg (1134 N)	77kg (756 N)
66323	95kg (930 N)	65kg (637 N)
66503	145kg (1421 N)	96.6kg (947 N)
66603	175kg (1712 N)	116.5kg (1141 N)
Part no.	Insulating vertical support	
66075	12kg (117 N)	7.9kg (78 N)
66155	25kg (243 N)	16.6kg (162 N)
66205	56kg (554 N)	37.6kg (369 N)
66305	86kg (842 N)	57.3kg (561 N)
66405	116kg (1134 N)	77kg (756 N)
66605	175kg (1712 N)	116.5kg (1141 N)

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

Temperature	40°C and 60°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	116kg (1137 N)
		66524	66523	145kg (1421 N)
		66624	66623	175kg (1715 N)
	Steel sendzimir	Steel epoxy	Steel AISI 304	Metallic L support
Part no.	66107	66106		90kg (882 N)
	66207	66206		55kg (540 N)
	66307	66306		51kg (500 N)

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