



Cable conduction
and protection
system

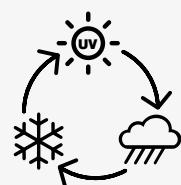
Insulating cable tray 66

raw material

U23X

colour

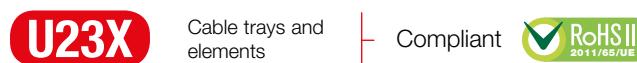
Grey



For support, protection and conduction of cables

- **Good performance outdoors and to corrosion due to over 40 years experience in outdoor installations.**
- Insulating material, providing electrical safety.
- Designed to support full load.

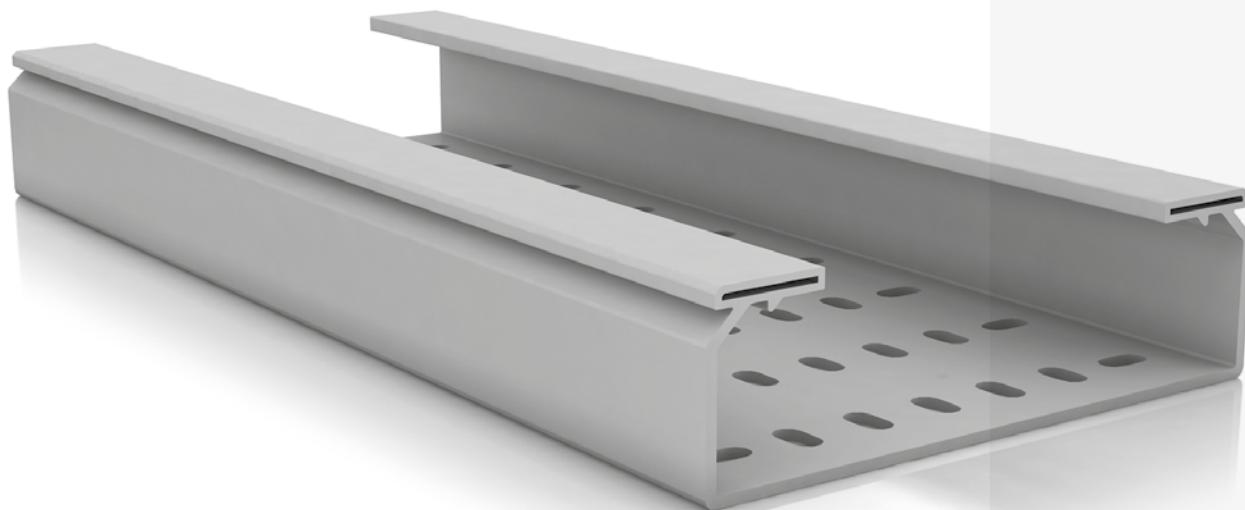
Raw material



Technical characteristics

Electrical	Mechanical	Service temperature	Corrosion
IEC 61537*	IEC 61537*	+60°C -20°C	ISO/TR 10358 DIN 8061
Insulating material. No earthing required.	20J at -20°C (except 60x75: 5 J and 60x100: 10 J). IK10 acc./EN 50085-2-1 (cable tray with cover).	IEC 61537*	Good resistance to corrosion and to chemical agents.
Outdoors	In front of fire		
Suitable for outdoor 			
ANSI/UL 568			
Good performance outdoors and with exposure to UV rays.	Glow-wire test at 960°C. Non flame propagating. Reaction to fire, Class M1 acc./UNE 201010. Flammability test UL94: V0 (thickness of the material tested: 2.5 mm).		

* The values indicated according to IEC 61537 have been tested under the equivalent standard EN 61537. BS EN 61537 is the UK implementation of EN 61537 and IEC 61537.



Length

3 m

Colour

Grey

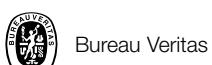
RAL 7035

Non perforated
or perforated base

Quality marks



Approvals



Bureau Veritas



Φ3 от 22.07.08 N 123-Φ3
ГОСТ Р 53313-2009

See updated technical
information of each
part number on
www.unex.net

Conformity declaration





Petrochemical industry



Railway infrastructure



Airport: technical gallery



Water treatment: desalination plant



Railway infrastructure



Waste water treatment plant

66

U23X
Grey

Insulating
cable tray



Photovoltaics



Pharmaceutical industry



Infrastructure: parking



Work spaces: conference hall



School

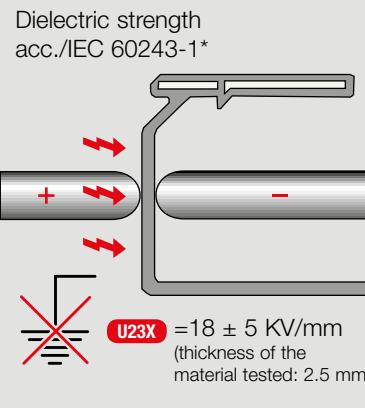
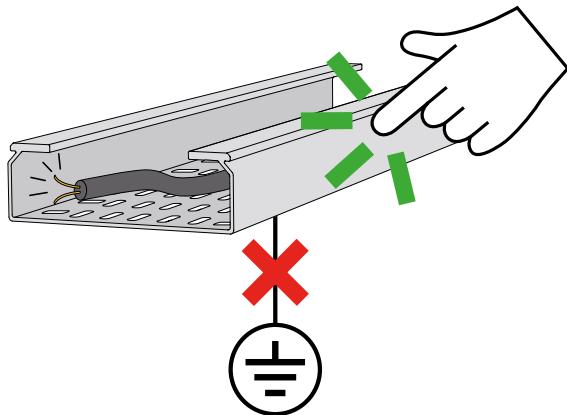


Infrastructure: harbour

Higher safety for the installation

Insulating material: increased protection for people and cables

Provides additional insulation for people and cables, which remains unaltered in the course of time.



* BS EN 60243-1 is the UK implementation of EN 60243-1 and IEC 60243-1.

Insulating material:

Advantages	Benefits
<p>Avoids creepage towards the conducting element:</p> <ul style="list-style-type: none"> • Risk of indirect contacts with the conducting element is reduced. • Possible sources of fire are reduced. • No need to earth the conducting element. • Avoids hot spots and electrical arcs between cables and cable tray. 	Increased protection for people and cables.
<p>Increased protection against indirect contacts:</p> <p>Provides an insulating enclosure:</p> <ul style="list-style-type: none"> • Protection degree IP3X/IP2X: Cable tray + cover. • Protection degree IP3XD: Non perforated cable tray + cover + joint cover piece + flat corners and semi T cover. 	
<p>No earthing required:</p> <ul style="list-style-type: none"> • No maintenance. 	Cost saving due to the ease of the installation, project management and maintenance.

Good resistance to corrosion

The raw material assures excellent behaviour in front of corrosion; this feature is inherent, **it is not achieved by applying a coating to the final product.**

Therefore, the corrosion protection remains unchanged:

- In the course of time.
- After cutting and manual processing the material in the worksite.



Outdoor behaviour

Unex insulating cable trays are designed to assure a good protection against the UV rays:

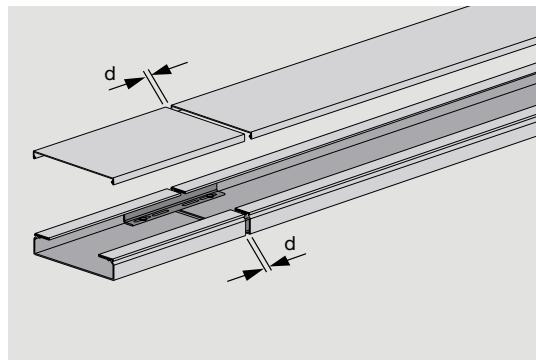
- Own raw material formulation, suitable for UV rays exposure.
- Unex insulating cable trays are endorsed by **40 years' experience** in outdoor installations.



Unex insulating cable trays are designed to absorb linear expansion. The **"d" distance** between two lengths varies depending on the difference between the maximum temperature and the installation temperature.

Separation between lengths	
ΔT (°C)	d (mm)
20	5
30	7
40	9
50	11

$\Delta T = T_{\max} - T_{\text{inst.}}$



High impact absorption

Impact test acc./IEC 61537* at the minimum declared temperature.

Unex designs its cable trays to avoid impact damage at their lowest declared temperature (-20°C).

Impact resistance	Minimum temperature
20 J	-20°C

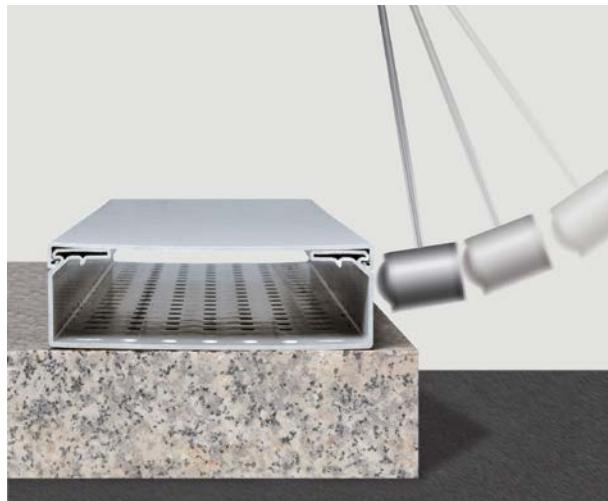
Except sizes 60x75: (5 J) and 60x100: (10 J).



Impact test acc./EN 50085-1*

Unex insulating cable tray with cover, by complying with the European Standard EN 50085-2-1*, is considered a protecting enclosure (trunking).

Impact test for trunkings: IK10 (with cover fixing).



Reaction to fire

Unex cable tray passes the flammability and flame-propagation tests included in IEC 61537* with the best classification required from organic materials.



Glow-wire test IEC 61537*.

Test measuring the material's flammability by overheating a conductor.

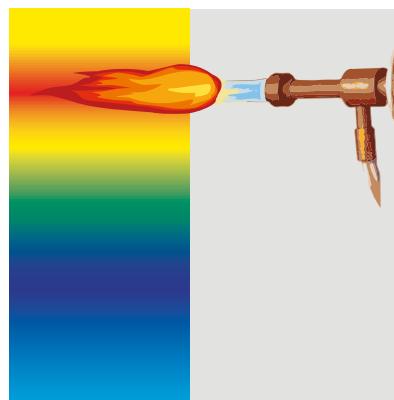


Non-flame propagating IEC 61537*.

Test measuring flame spread caused by electrical ignition sources.

Flammability test UL94: V0

(thickness of the material tested: 2.5 mm).



No heat propagation.

As a result of the low thermal conductivity of insulating materials, no hot spots are generated away from the fire source.

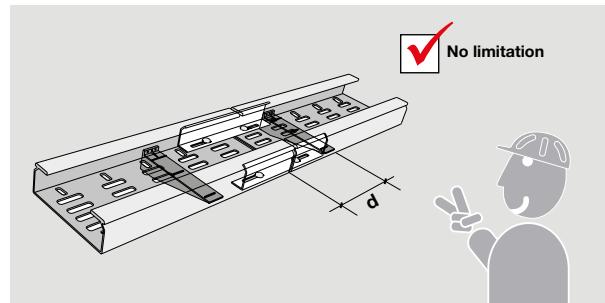
* BS EN 61537 is the UK implementation of EN 61537 and IEC 61537.

* BS EN 50085-1 is the UK implementation of EN 50085-1.

Designed to work at 100% cable capacity

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

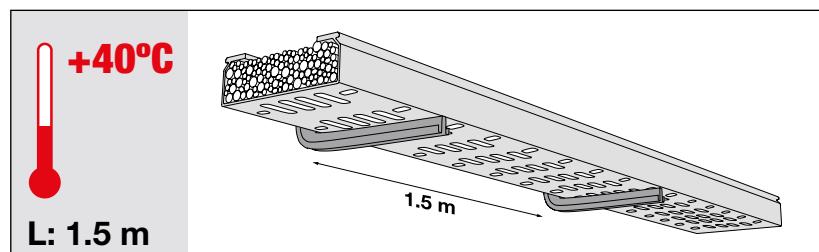
- Longitudinal deflection <1% and transverse deflection <5%.
 - Safety coefficient **1.7**.
- Allows placing the junctions at any point between two brackets, assuring the safe admissible load.



Type I full load

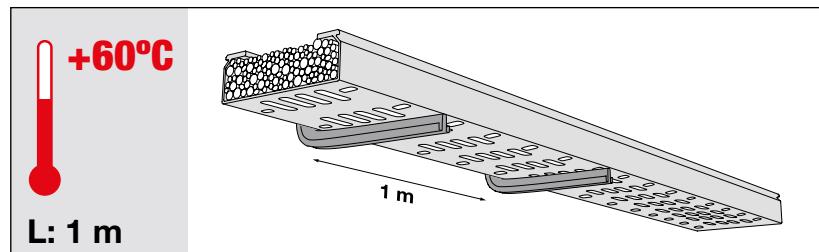
Higher safety for the installation.

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.

Packaging

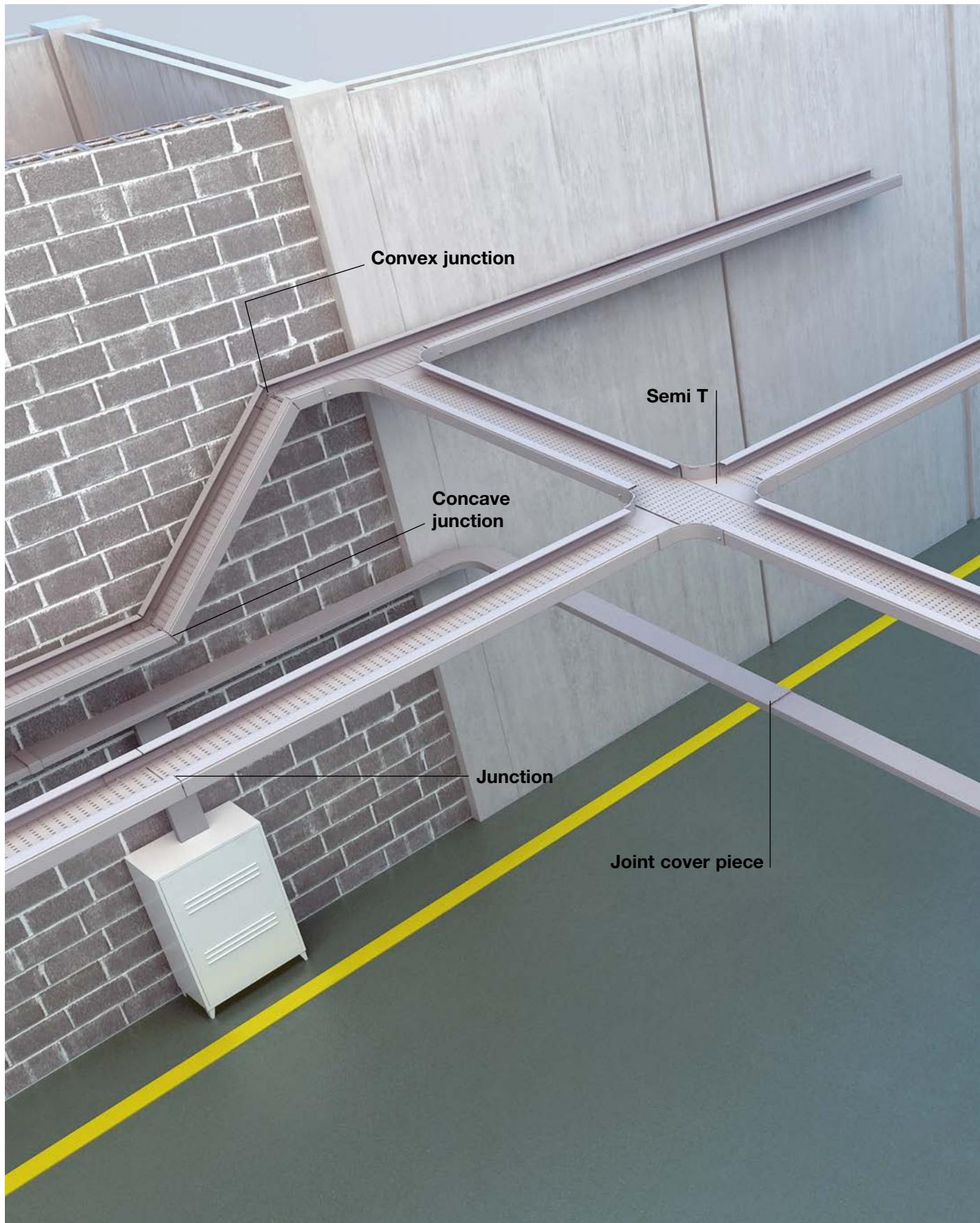
A packaging designed to protect the product's characteristics during transport and storage, until the moment of final use.

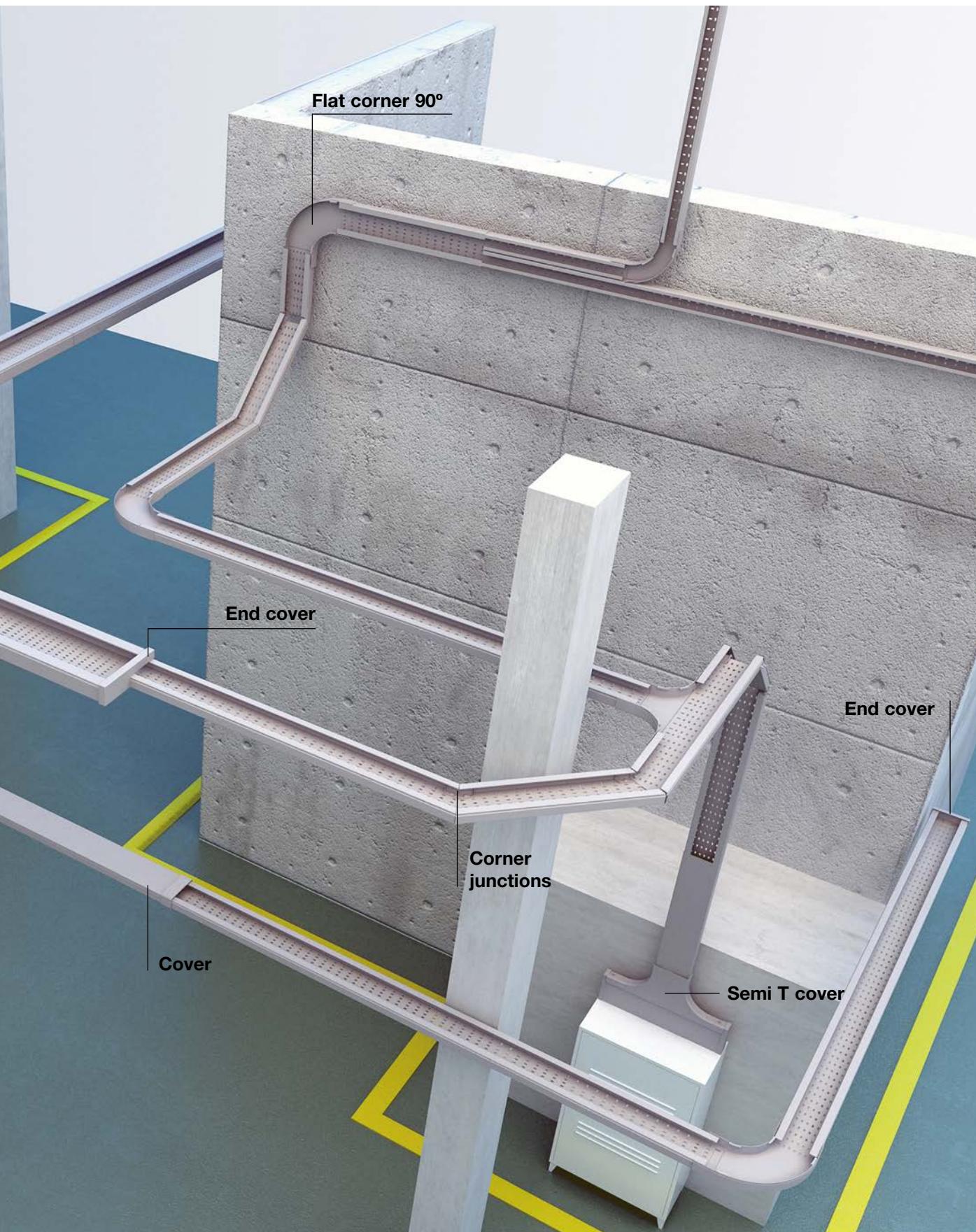


*BS EN 61537 is the UK implementation of EN 61537 and IEC 61537.

Elements for cable conduction

Safe, easy and quick mounting





Supporting elements

U23X

Temperature	$\leq 40^\circ\text{C}$	$\leq 60^\circ\text{C}$
Distance between brackets (L)	1.5 m	1 m

Wall

Directly (1 level)



Horizontal supports in:

- U23X (insulating).
- SST. AISI 304 with grey epoxy coating.
- Galvanized steel with grey epoxy coating.

L bracket in:

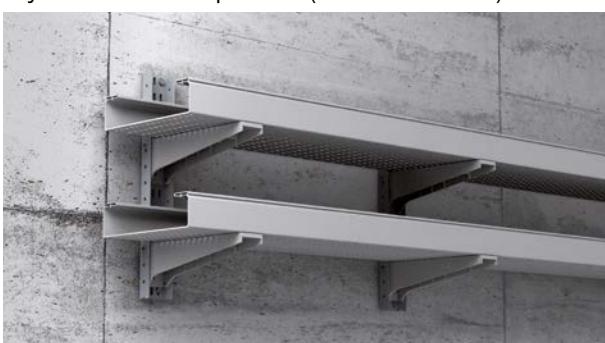
- Steel sendzimir.
- Galvanized steel with grey epoxy coating.



Insulating vertical support in U23X

Just one piece: added safety.

By means of a profile (several levels)



Perforated U profile in:

- U23X (insulating).
- With insulating horizontal supports in U23X .

Perforated Ω profile in:

- SST. AISI 304 with grey epoxy coating.
 - Galvanized steel with grey epoxy coating.
- With horizontal support U23X and/or metallic.

Ceiling



Two L brackets in:

- Steel sendzimir.
- Galvanized steel with grey epoxy coating.



Metallic perforated U profile in:

- SST. AISI 304 with grey epoxy coating.
- Galvanized steel with grey epoxy coating.
With insulating horizontal supports **U23X**.



Metallic perforated Ω profile in:

- SST. AISI 304 with grey epoxy coating.
- Galvanized steel with grey epoxy coating.
With horizontal supports **U23X** and/or metallic.

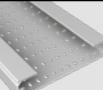
Floor



 Trays must be fixed to the insulating vertical supports by means of metal screws in every mounting layout.

Insulating vertical support in **U23X**

Just one piece: added safety.

Cable tray sizes (mm)	60x75	60x100	60x150	60x200
 Grey RAL 7035 (Part no. 66xxx)	60 75	60 100	60 150	60 200
 Perforated cable tray 3 m	66090	66100	66150	66200
 Non perforated cable tray 3 m	66091	66101	66151	66201
 Cover 3 m	66072	66102	66152	66202

Junction parts in U23X

 2 x	Junction with bolt	66824
	Bolts	66832
 2 x	Junction without bolt	66825
 4 x	Nuts and bolts (M 8 DIN 603 ISO 8677)	66809

Cable conduction parts in U23X

 2 per meter of divider	Divider 3 m		66821
	Nuts and bolts (M 8 DIN 603 ISO 8677)		66809
 2 per meter of divider	Reinforced divider 3 m		66826
	Nuts and bolts (M 8 DIN 603 ISO 8677)		66809
 +	Divider fixing for telecommunications		66840 (2) (3)
	Divider 3 m		73830

(1) As an alternative for metallic nuts and bolts and plugs, when insulating protection is required, use part numbers 66829 Hexagonal nuts and bolts AISI 304 (M 8x25 DIN 6921) + 66819 Insulating protector for plugs.

(2) Only for perforated cable trays.

(3) Precise 2 fixings per meter of divider in horizontal paths, 3 fixings per meter in vertical paths and 4 fixings per meter in horizontal paths and vertical position.

60x300 60x400 100x200 100x300 100x400 100x500 100x600

66300	66400	66220	66320	66420	66520	66620
66301	66401	66221	66321	66421	66521	66621
66302	66402	66202	66302	66402	66502	66602



66824

66834

66832

66825

66835

66809

66839 (1)

66821

66831

66809

66839 (1)

66826

66836

66809

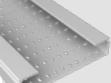
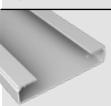
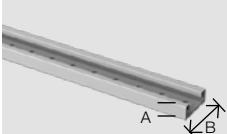
66839 (1)

66840 (2) (3)

73830

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	Cable tray sizes (mm)	60x75	60x100	60x150	60x200
	 Grey RAL 7035 (Part no. 66xxx)	60 75	60 100	60 150	60 200
	Perforated cable tray 3 m	66090	66100	66150	66200
	Non perforated cable tray 3 m	66091	66101	66151	66201
Cable conduction parts in U23X					
	Flat corner 90°	66060	66110	66160	66210
	Nuts and bolts (M 8 DIN 603 ISO 8677)	+	+	+	+
	Flat corner cover 90° (2)	66061	66111	66161	66211
	End cover (3)	66093	66113	66163	66213
	Joint cover piece	66094	66114	66164	66214
	Semi T	66078	66128	66178	66228
	Nuts and bolts (M 8 DIN 603 ISO 8677)	+	+	+	+
	Semi T cover (2)	66079	66129	66179	66229
	Cover fixing IK10 (5)	66845			
	Tele rail 2 m A = 14 B = 36	6035			
	A = 18 B = 50	6050			

(1) As an alternative for metallic nuts and bolts and plugs, when insulating protection is required, use part numbers 66829 Hexagonal nuts and bolts AISI 304 (M 8x25 DIN 6921) + 66819 Insulating protector for plugs.

(2) Include 4 nuts and bolts part no. 66001 AISI 304 to fix optional cover.

(3) Include 2 nuts and bolts AISI 304.

(4) Part numbers 66428, 66448 and 66548 require 7 screws to fix to the cable tray. Part number 66648 requires 8 screws.

(5) To mount over fixing screws of the unions. Not compatible with bolts.

60x300 60x400 100x200 100x300 100x400 100x500 100x600



100x200



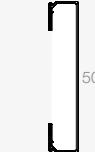
100x300



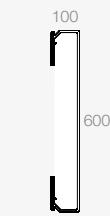
100x400



100x500



100x600



66300

66400

66220

66320

66420

66520

66620

66301

66401

66221

66321

66421

66521

66621

66310

66410

66230

66330

66430

66530

66630

66311

66411

66211

66311

66411

66511

66611

66313

66413

66233

66333

66433

66533

66633

66314

66414

66234

66334

66434

66534

66634

66328

66428 (4)

66248

66348

66448 (4)

66548 (4)

66648 (4)

66329

66429

66229

66329

66429

66529

66629

66845

66839 (1)

66809

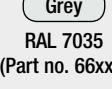
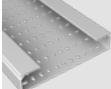
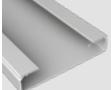
66839 (1)

6035

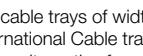
6050



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Cable tray sizes (mm)	60x75	60x100	60x150	60x200
 Grey RAL 7035 (Part no. 66xxx)	60 75	60 100	60 150	60 200
 Perforated cable tray 3 m	66090	66100	66150	66200
 Non perforated cable tray 3 m	66091	66101	66151	66201

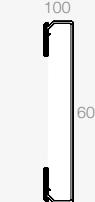
Other junction parts in U23X

	Base unions (1) Limiting the transversal cable sag. Note: 2 screws are included.	
	Corner junctions Mounting corner junctions at 45° Note: A unit is composed by a set of 2 pieces (right and left).	66841 +
	Nuts and bolts (M 8 DIN 603 ISO 8677)	66809
	Convex change - 45° level-changing	66842 +
	Nuts and bolts (M 8 DIN 603 ISO 8677)	66809
	Concave change + 45° level-changing	66843 +
	Nuts and bolts (M 8 DIN 603 ISO 8677)	66809
	Vertical hinge Variable-angle level changing.	66813 +
	Nuts and bolts (M 8 DIN 603 ISO 8677)	66809
	Horizontal hinge U24X	66844 +
	Nuts and bolts (M 8 DIN 603 ISO 8677)	66809

(1) 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.

(2) As an alternative for metallic nuts and bolts and plugs, when insulating protection is required, use part numbers 66829 Hexagonal nuts and bolts AISI 304 (M 8x25 DIN 6921) + 66819 Insulating protector for plugs.

60x300 60x400 100x200 100x300 100x400 100x500 100x600

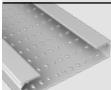
							
	66300	66400	66220	66320	66420	66520	66620
	66301	66401	66221	66321	66421	66521	66621

	66820		66820	66830
	66841		66851	
	+ ..		+ ..	
	66809		66839 (2)	
	66842		66852	
	+ ..		+ ..	
	66809		66839 (2)	
	66843		66853	
	+ ..		+ ..	
	66809		66839 (2)	
	66813		66833	
	+ ..		+ ..	
	66809		66839 (2)	
	66844		66854	
	+ ..		+ ..	
	66809		66839 (2)	

See next page 



Parts for direct wall fixing (one level)

Cable tray sizes (mm)	60x75	60x100	60x150	60x200
(Grey) RAL 7035 (Part no. 66xxx)	60 75	60 100	60 150	60 200
 Perforated cable tray 3 m	66090	66100	66150	66200
 Non perforated cable tray 3 m	66091	66101	66151	66201

Parts for direct wall fixing (one level) in U23X and steel

	Insulating U23X	66103	66153	66203
+ 	Horizontal support SST AISI 304 with grey epoxy coating	+ 66809	+ 66809	+ 66809
+ 	Nuts and bolts (M 8 DIN 603 ISO 8677)	66809		
	L bracket Galvanized steel with grey epoxy coating	66106	66206	
+ 	L bracket Steel Sendzimir	66107	66207	+ 66809
+ 	Nuts and bolts (M 8 DIN 603 ISO 8677)	66809		
	Insulating vertical support U23X Note: Use metal screws to fix the tray.	66075	66155	66205
+ 	Nuts and bolts (M 8 DIN 603 ISO 8677) SST AISI 304	+ 66839 (1)	+ 66839 (1)	+ 66839 (1)
	Nuts and bolts (M 8x25 DIN 6921) SST AISI 304	66829		
+ 	Insulating protector for plug LDPE	66819		

(1) As an alternative for metallic nuts and bolts and plugs, when insulating protection is required, use part numbers 66829 Hexagonal nuts and bolts AISI 304 (M 8x25 DIN 6921) + 66819 Insulating protector for plugs.

60x300 60x400 100x200 100x300 100x400 100x500 100x600

66300	66400	66220	66320	66420	66520	66620
66301	66401	66221	66321	66421	66521	66621

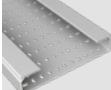
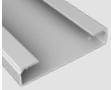


66303	66403	66203	66323	66403	66503	66603
+	+	+	+	66423	66523	66623
				66424	66524	66624
				+	+	+
66809		66839 (1)				
66306						
+						
66307						
+						
66809						
66305	66405	66205	66305	66405	66605	
+	+	+	+	+	+	
66839 (1)						
66829						
+						
66819						

See next page



Parts for wall fixing with profiles (several levels)

Cable tray sizes (mm)	60x75	60x100	60x150	60x200
(Grey) RAL 7035 (Part no. 66xxx)	60 75	60 100	60 150	60 200
 Perforated cable tray 3 m	66090	66100	66150	66200
 Non perforated cable tray 3 m	66091	66101	66151	66201

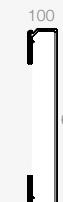
Parts for wall fixing with profiles (several levels) in U23X and steel

 +	Insulating U profile 2 m	U23X	66806		
 +	Insulating horizontal support	U23X	66103	66153	66203
 1 x +	Mounting pin	SST AISI 304	66812		
 2 x +	Nuts and bolts (M 8 DIN 603 ISO 8677)		66809		
 +	Ω perforated profile L = 0,50 m	SST AISI 304 with grey epoxy coating	66837		
 +	Ω perforated profile L = 3 m	Galvanized steel with grey epoxy coating	66937		
		SST AISI 304 with grey epoxy coating	66897		
		Galvanized steel with grey epoxy coating	66997		
 +	Horizontal support	Insulating U23X	66103	66153	66203
 1 x +	Mounting pin	SST AISI 304	66812		
 2 x +	Nuts and bolts (M 8 DIN 603 ISO 8677)		66809		

(1) As an alternative for metallic nuts and bolts, when insulating protection is required, use part numbers 66829 Hexagonal nuts and bolts AISI 304 (M 8x25 DIN 6921) + 66819 Insulating protector for plugs.

(2) Can be mounted with the mounting pin part no. 66812.

60x300 60x400 100x200 100x300 100x400 100x500 100x600

						
66300	66400	66220	66320	66420	66520	66620
66301	66401	66221	66321	66421	66521	66621



66806

+	+	+	+
66303	66403	66203	66323

66812

+	+
66809	66839 (1)

66837

66937

66897

66997

+	+	+	+	+	+	+
66303	66403 (2)	66203	66323	66403 (2)	66503 (2)	66603 (2)

66423			66423	66523	66623
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66424			66424	66524	66624
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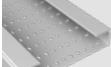
66812	66822	66812		66822	
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66809	66839 (1)
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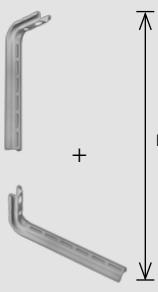
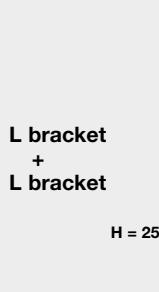
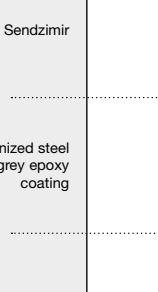
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Ceiling supports

Cable tray sizes (mm)	60x75	60x100	60x150	60x200
 Grey RAL 7035 (Part no. 66xxx)	60 75	60 100	60 150	60 200
 Perforated cable tray 3 m	66090	66100	66150	66200
 Non perforated cable tray 3 m	66091	66101	66151	66201

Ceiling fixing parts in steel

 + H	Galvanized steel with grey epoxy coating	66106 + 66106	66106 + 66206
	H = 150 mm	66107 + 66107	66107 + 66207
 + L bracket + L bracket	Steel Sendzimir	66206 + 66106	66206 + 66206
	H = 250 mm	66207 + 66107	66207 + 66207
 + H	Galvanized steel with grey epoxy coating	66306 + 66106	66306 + 66206
	H = 350 mm	66307 + 66107	66307 + 66207
 2 x + 2 x	Nuts and bolts (M 8x25 DIN 6921) SST AISI 304	66829 (1)	
	Nuts and bolts (M 8 DIN 603 ISO 8677) U23X		66809 (2)

(1) To fix both L brackets, use nuts and bolts part no. 66829.

(2) To fix the cable tray to the L bracket, use nuts and bolts part no. 66809.

60x300 60x400 100x200 100x300 100x400 100x500 100x600

66300	66400	66220	66320	66420	66520	66620
66301	66401	66221	66321	66421	66521	66621



66106

+
66306

66107

+
66307

66206

+
66306

66207

+
66307

66306

+
66306

66307

+
66307

66829 (1)

+
66809 (2)

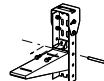
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Mounting of U perforated ceiling supports

(Compatible with cable trays **up to 60x300 mm**).

In installations with ceiling supports, the load calculations should be checked.

Perforated U profile



Supporting elements

	SST AISI 304 with grey epoxy coating	Galvanized steel with grey epoxy coating
U profile connector	66880	66980
Nuts and bolts (M 8x25 ISO EN 6921) SST AISI 304	66829	
L = 0,25 m	66808	66908
L = 0,50 m	66838	66938
L = 3 m	66898	66998
U profile Protector PVC Plasticized	66902	
Insulating horizontal support	See table below for horizontal supports (compatible only with insulating supports in U23X).	
Mounting pin SST AISI 304	66812	

Cable tray sizes (mm) 60x75 60x100 60x150 60x200

	Perforated cable tray 3 m	66090	66100	66150	66200
	Non perforated cable tray 3 m	66091	66101	66151	66201
	Horizontal support	66103		66153	66203
	SST AISI 304 with grey epoxy coating				
	Galvanized steel with grey epoxy coating				
	Nuts and bolts (M 8 DIN 603 ISO 8677)			66809	

(1) Can be mounted with the mounting pin part no. 66812.

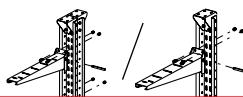
(2) As an alternative for metallic nuts and bolts and plugs, when insulating protection is required, use part numbers 66829 Hexagonal nuts and bolts AISI 304 (M 8x25 DIN 6921) + 66819 Insulating protector for plugs.

Mounting of Ω perforated ceiling supports

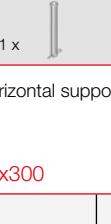
(Compatible with all sizes of cable tray).

In installations with ceiling supports, the load calculations should be checked.

Perforated Ω profile



Supporting elements

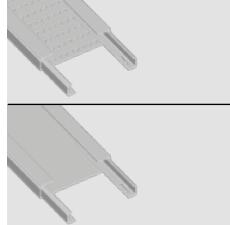
	SST AISI 304 with grey epoxy coating	Galvanized steel with grey epoxy coating
	Ω profile connector 66890	66990
	Nuts and bolts (M 8x25 DIN 6921) SST AISI 304 66829	+
	Perforated Ω profile L = 0,50 m 66837	66937
	L = 3 m 66897	66997
	Ω profile protector PVC Plasticized 66903	+
	Horizontal support See table below for horizontal supports. +	
	Mounting pin SST AISI 304 66812 (1)	

(1) For horizontal supports in **U23X** use part no. 66812. For metallic supports use part no. 66822.

	60x300	60x400	100x200	100x300	100x400	100x500	100x600
	66300	66400	66220	66320	66420	66520	66620
	66301	66401	66221	66321	66421	66521	66621
	66303	66403 (1)	66203	66323	66403 (1)	66503 (1)	66603 (1)
	+	66423			66423	66523	66623
		66424			66424	66524	66624
	66809			66839 (2)			

See next page 

Useful cross-sections (mm^2)

Sizes (mm)	60x75	60x100	60x150	60x200	60x300	60x400	100x200	100x300	100x400	100x500	100x600
Grey											
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
Reinforced divider	Section occupied			343	343	343	673	673	673	673	673
	Max. no. of compartments	1	1	2	2	3	5	2	3	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)	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.

*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	
	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)
	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			
	Metallic horizontal support			
Part no.	Steel sendzimir	Steel epoxy	Steel AISI 304	
	66424	66423		116kg (1137 N)
	66524	66523		145kg (1421 N)
	66624	66623		175kg (1715 N)
	Metallic L support			
Part no.	66107	66106		90kg (882 N)
	66207	66206		55kg (540 N)
	66307	66306		51kg (500 N)

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



Unex online: Tools for specification

www.unex.net

Technical information

- Technical specifications
- Mounting instructions
- Different database formats

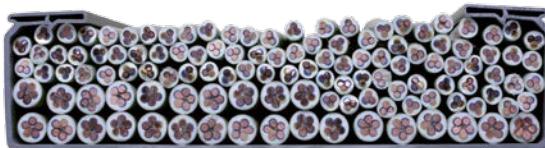


Configurator

- Unex cable tray's configurator allows you to obtain a complete list of materials

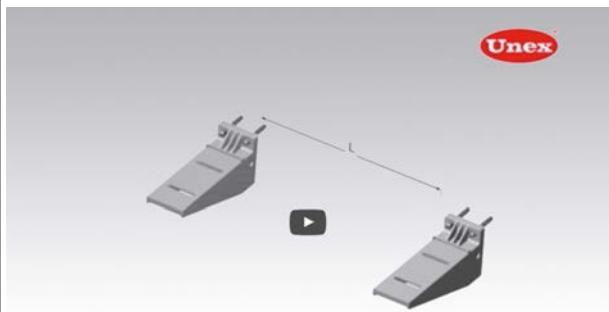
Unexproject

- Your tool for dimensioning the cable tray according to the cables you are using in your project



You Tube Unex Solutions

- Mounting videos



EPLAN

Unex products are available in the EPLAN Data Portal, classified as "Electrical engineering" and "Mechanics".



Databases

As a customer-oriented company, we provide our data in different formats: BIM-REVIT and 3D-DWG.