



Insulating cable trays
U23X· Colour grey

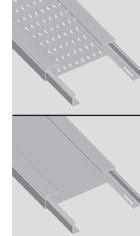
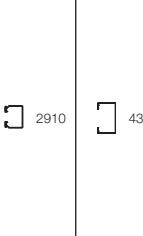
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Useful cross-sections and Safe working load

66 Insulating cable trays

U23X · Grey RAL 7035

Useful cross-sections (mm²)

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	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)	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*

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 U48X
60103-44	31 kg (304 N)	
60153-44	50 kg (490 N)	
60203-44	62 kg (608 N)	
60303-44	114 kg (1117 N)	
60403-44	165 kg (1617 N)	
60503-44	217 kg (2127 N)	
60603-44	269 kg (2636 N)	
		Insulating vertical support U23X
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	
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.