



Insulating cable trays
U48X halogen free ·
Colour grey

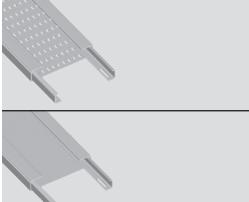
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Useful cross-sections and Safe working load

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Insulating cable trays halogen free
U48X · Grey RAL 7038

Useful cross-sections (mm²)

| Sizes (mm) | 60x100 | 60x200 | 60x300 | 100x400 | 100x600 |
|---|--|--|---|---|---|
| Grey 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 |
| | Max. no. of compartments | 2 | 5 | 7 | 11 |
| Reinforced divider | Section occupied | 343 | 343 | 673 | 673 |
| | Max. no. of compartments | 1 | 2 | 3 | 5 |

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

| U48X | | | |
|--------------------------------------|--|------|-------|
| 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 |

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 | 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 U48X | | | | | | |
| 60103-44 | 31 kg (304 N) | 10,3 kg (101 N) | | | | |
| 60153-44 | 50 kg (490 N) | 16,5 kg (162 N) | | | | |
| 60203-44 | 62 kg (608 N) | 21 kg (206 N) | | | | |
| 60303-44 | 114 kg (1117 N) | 38 kg (372 N) | | | | |
| 60403-44 | 165 kg (1617 N) | 55 kg (539 N) | | | | |
| 60503-44 | 217 kg (2127 N) | 75 kg (735 N) | | | | |
| 60603-44 | 269 kg (2636 N) | 90 kg (882 N) | | | | |
| Part no. | | | | | | |
| Insulating vertical support U48X | | | | | | |
| 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 | | |
| 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.