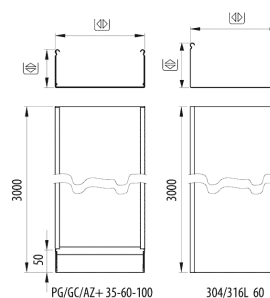


## Pemsaband One. Metal Solid Click Cable

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**tray** ( Ref: 75434500 )



### Description

Solid steel Tray of 35, 60 and 100 mm height, in GC, PG, AZ+, INOX 304 and 316L Protection System with a safety edge. Of 100 mm height, Width 500 mm, With GC protection system. The Pemsaband One® Metal Solid tray is suitable for supporting and routing electrical cables of medium and light loads. Ease of assembly thanks to its Click system of fast coupling between lengths, saving on material and labour, and requiring only 2 bolts for coupling. There are a wide variety of sizes to choose from according to the needs of each installation.

### Advantages

Wide variety of sizes, protection systems and accessories to adapt to the requirements of each electrical installation.

Profiled safety edge for cable protection. It also prevents possible cuts when handled by the installer.

Click system for the easy assembly and joining of straight lengths without the need for any other accessories.

In 60 height there are circular pre-punched holes every 1 metre on the flange that are suitable for attaching connectors and conduits.

UL Certified by the requirements of NFPA 70 and NEMA VE 1-2009. N Mark of Aenor according to IEC 61537 and CE Conformity to Directive 2014/35 /EU.

### Applications

Support, management and distribution of cables in Electrical and/or telecommunications installations in: Civil Works, Tunnels, Car Parks, Public Buildings, Shopping Centres, Data Processing Centres, Infrastructures, Airports, Underground and Railway. Tertiary sector and industrial applications: Naval, Petrochemical, Textile, Chemical and Food. Indoor applications in the dry or in exterior atmospheres with wet environments according to the various protection systems.

### Solutions



SERVICE AND RETAIL FIRE RESISTANCE SOLUTION



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Pemsaband One. Metal Solid Click Cable

tray ( Ref: 75434500 )

Product data

|                                       |                         |                                |                            |
|---------------------------------------|-------------------------|--------------------------------|----------------------------|
| ETIM 10                               | EC000047                | u                              | 6                          |
| Huella de CO2. GWP A1-A3 (kg CO2 eq.) | 15,825                  | Material                       | Steel with surface coating |
| Protection System                     | GC                      | Impact Strength (J)            | 20 J                       |
| Finish                                | HDG, Hot Dip Galvanised | Section (mm2)                  | 49092                      |
| Resistance Class                      | Class 5                 | IP                             | IP44                       |
| Flange (mm)                           | 100                     | Working temperature range (°C) | -50 / 150 °C               |
| Width (mm)                            | 500                     | Fire resistance                | A1 No combustible          |
| Length (m)                            | 3                       |                                |                            |
| kg/u                                  | 6,110                   |                                |                            |

Protection System

- CU - Copper electroplated
- PG - Pregalvanised
- EZ - Electrogalvanised
- BC - Electrogalvanised Bichromate
- BK8 - High Resistance Coating
- GC - Hot Dip Galvanising
- INOX - Stainless Steel
- PT - Polyester Paint
- AL - Aluminum
- LN - Brass or Nickel-plated brass

Insulating materials

- PC+ABS - Halogen Free Polycarbonate + ABS
- PVC - Polyvinyl Chloride
- PP - Halogen Free Polypropylene
- PA6 - Halogen Free Polyamide 6
- PA12 - Halogen Free Polyamide 12
- PU - Polyurethane
- PE - Polyethylene
- NBR - NBR rubber
- PET - Thermoplastic Polyester
- TPV - Thermoplastic



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# Pemsaband One. Metal Solid Click Cable

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**tray** (Ref: 75434500)

## Load diagrams



### Ensayos de carga CTA instalaciones horizontales

Valores obtenidos según la norma IEC 61537, edición 3, según ensayos vertical horizontal multi vano recogido en el punto 10.5.1 de dicha norma, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso.

### Load Tests for SWL mounted in the horizontal plane

Values obtained in accordance with IEC 61537, edition 3, according to the horizontal vertical tests of multiple spans listed in point 10.5.1 of this standard, with a safety factor of 170% and without collapse in any case.

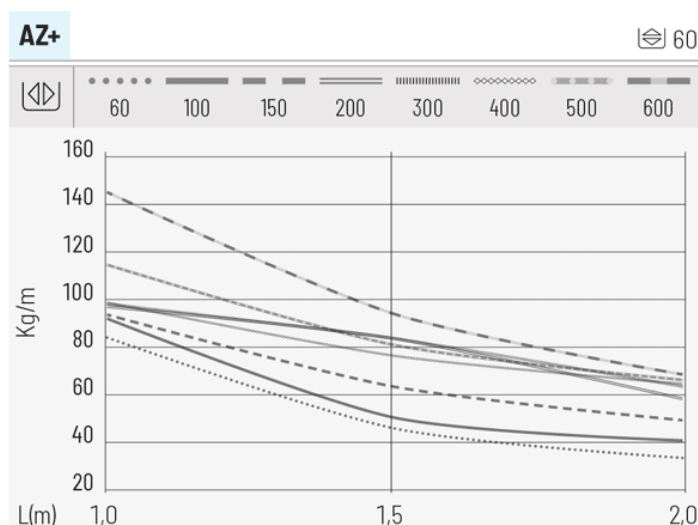
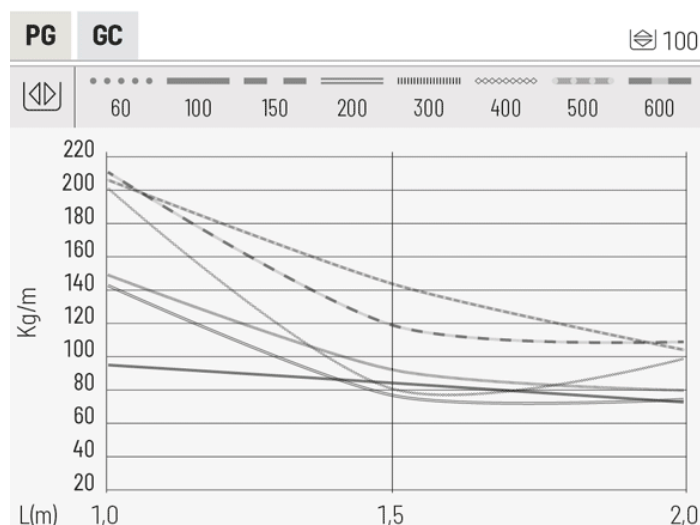
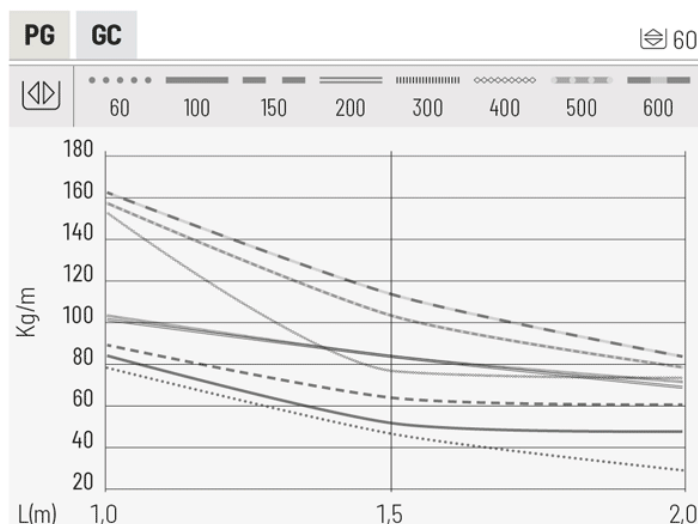
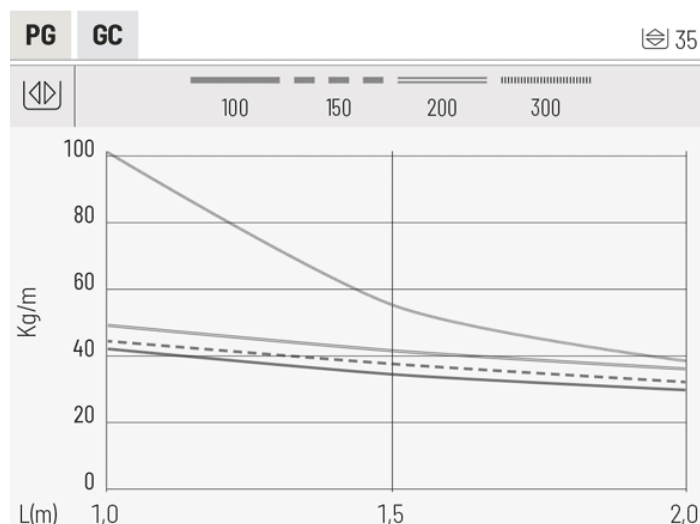
### Essais de charge de travail admissible (CTA) pour les installations horizontales

Valeurs obtenues conformément à la norme CEI 61537, édition 3, selon les essais verticaux horizontaux à travées multiples énumérés au point 10.5.1 de la présente norme, avec un coefficient de sécurité de 170 % et sans jamais atteindre l'effondrement.

### Ensaio de carga CTA em instalações horizontais

Valores obtidos de acordo com a norma IEC 61537, edição 3, segundo os ensaios vertical horizontal de vãos múltiplos enumerados no ponto 10.5.1 da presente norma, com um coeficiente de segurança de 170% e sem nunca atingir o colapso.

|     | 60              | 100   | 150   | 200    | 300    | 400    | 500    | 600    |
|-----|-----------------|-------|-------|--------|--------|--------|--------|--------|
|     | mm <sup>2</sup> |       |       |        |        |        |        |        |
| 35  | -               | 3.122 | 4.822 | 6.522  | 9.922  | 13.322 | -      | -      |
| 60  | 3.122           | 5.572 | 8.522 | 11.472 | 17.372 | 23.272 | 29.172 | 35.072 |
| 100 | -               | 9.492 | -     | 19.392 | 29.292 | 39.192 | 49.092 | 58.992 |



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Pemsaband One. Metal Solid Click Cable

tray ( Ref: 75434500 )



Ensayos de carga CTA  
instalaciones verticales en  
recorrido horizontal

Load Tests for SWL mounted  
in the vertical plane running  
horizontally

Essais de charge de travail  
admissible (CTA) pour les  
installations verticales avec  
déplacement horizontal

Ensaio de carga CTA  
instalações verticais em  
deslocações horizontais

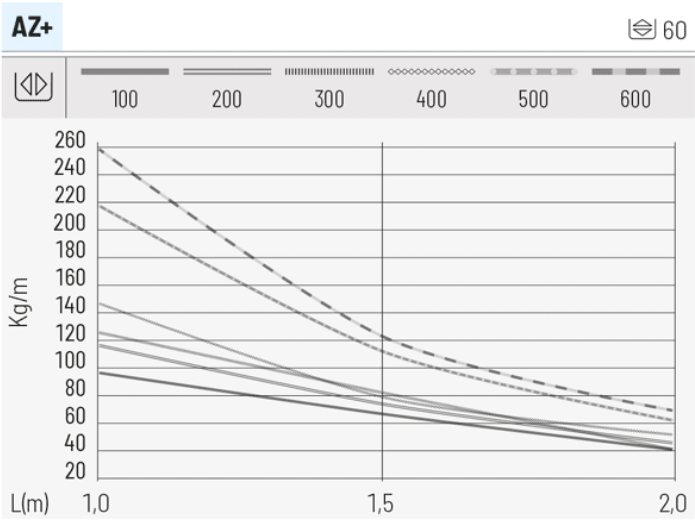
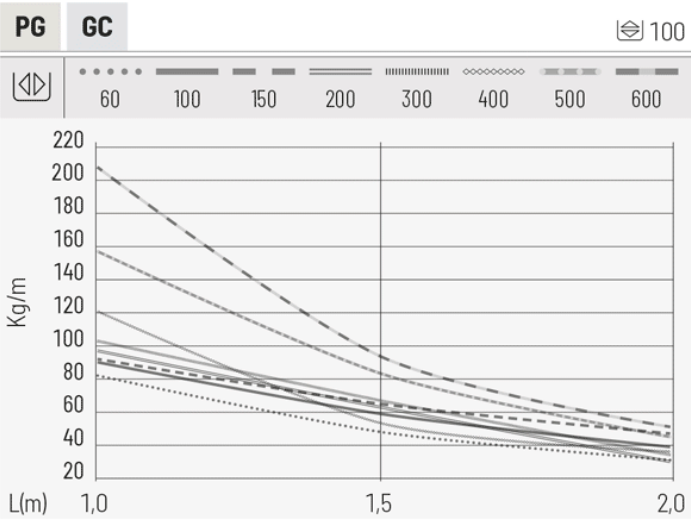
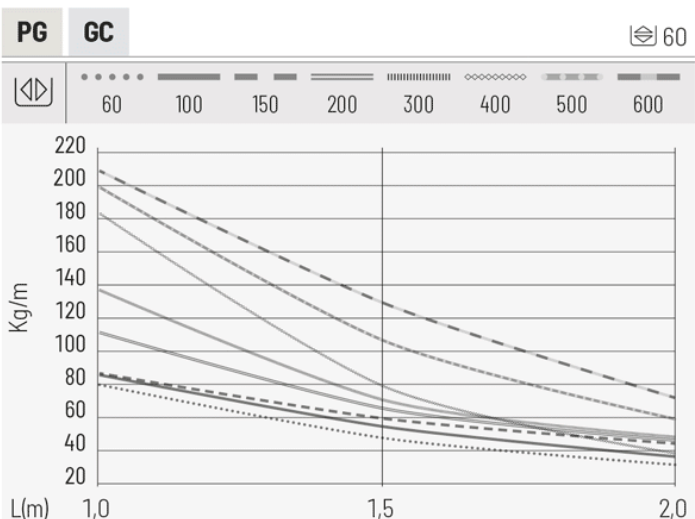
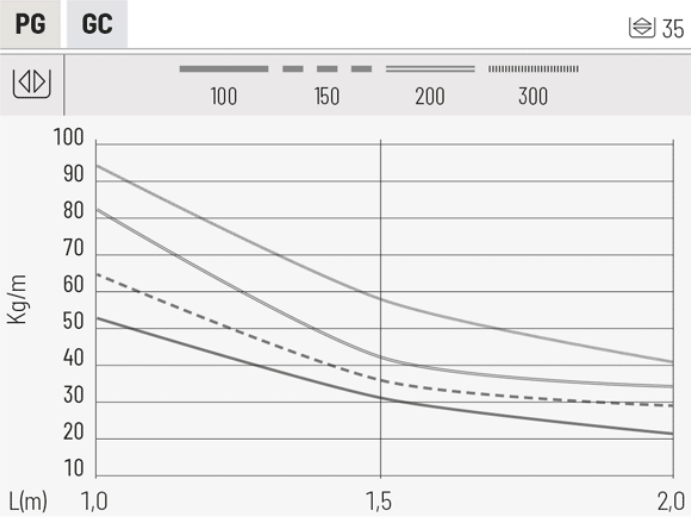
Valores obtenidos según la norma IEC 61537, edición 3, según ensayos vertical horizontal multi vano recogido en el punto 10.5.1 de dicha norma, con un coeficiente de seguridad del 170% y sin alcanzar en ningún caso el colapso.

Values obtained in accordance with IEC 61537, edition 3, according to the horizontal vertical tests of multiple spans listed in point 10.5.1 of this standard, with a safety factor of 170% and without collapse in any case.

Valeurs obtenues conformément à la norme CEI 61537, édition 3, selon les essais verticaux horizontaux à travées multiples énumérés au point 10.5.1 de la présente norme, avec un coefficient de sécurité de 170 % et sans jamais atteindre l'effondrement.

Valores obtidos de acordo com a norma IEC 61537, edição 3, segundo os ensaios vertical horizontal de vãos múltiplos enumerados no ponto 10.5.1 da presente norma, com um coeficiente de segurança de 170% e sem nunca atingir o colapso.

|  |  | 60              | 100   | 150   | 200    | 300    | 400    | 500    | 600    |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------|-------|-------|--------|--------|--------|--------|--------|
|                                                                                  |                                                                                   | mm <sup>2</sup> |       |       |        |        |        |        |        |
| 35                                                                               |                                                                                   | -               | 3.122 | 4.822 | 6.522  | 9.922  | 13.322 | -      | -      |
| 60                                                                               |                                                                                   | 3.122           | 5.572 | 8.522 | 11.472 | 17.372 | 23.272 | 29.172 | 35.072 |
| 100                                                                              |                                                                                   | -               | 9.492 | -     | 19.392 | 29.292 | 39.192 | 49.092 | 58.992 |



Product applications



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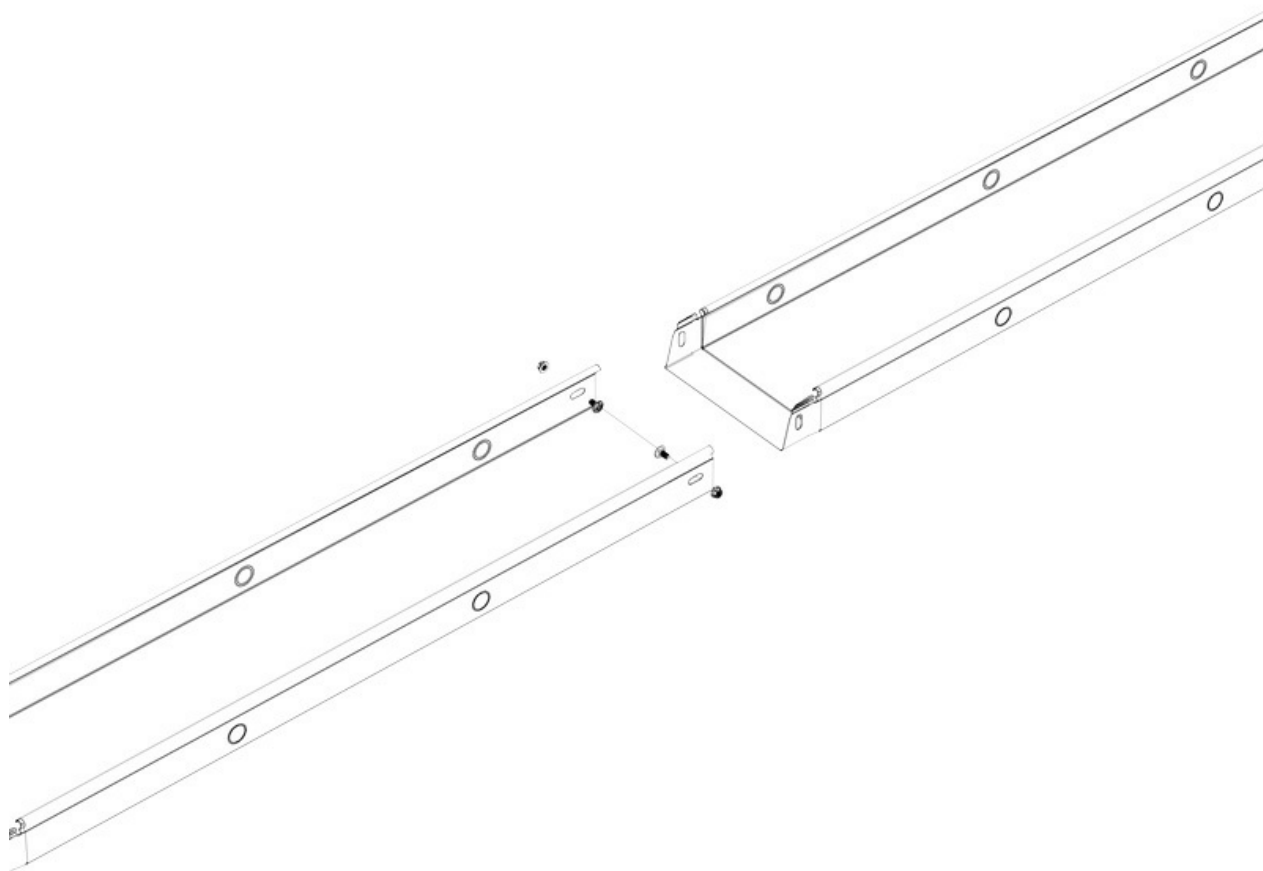
Pemsaband. Cable Tray

15/07/2026

## Pemsaband One. Metal Solid Click Cable

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**tray** ( Ref: 75434500 )



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