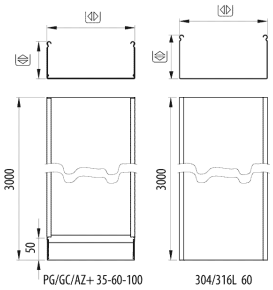
Pemsaband One. Metal Solid Click Cable tray





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. 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

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

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

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.

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

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

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

Main technical characteristics

35, 60, 100 | 100, 150, 200, 300, 60, 400, 500, 600 | 3 | 20 J | IP44, IP23 | -50 / 150 °C

A1 No combustible | ETIM 10 EC000047

Product data

PG	Class 3	35	100	75121100	0,732	24	Steel with surface coating	3122	IP44
PG	Class 3	35	150	75121150	0,929	12	Steel with surface coating	4822	IP44
PG	Class 3	35	200	75121200	1,350	12	Steel with surface coating	6522	IP44
PG	Class 3	35	300	75121300	1,821	12	Steel with surface coating	9922	IP44
PG	Class 3	60	60	75122060	0,773	24	Steel with surface coating	3122	IP44
PG	Class 3	60	100	75122100	0,927	24	Steel with surface coating	5572	IP44
PG	Class 3	60	150	75122150	1,350	12	Steel with surface coating	8522	IP44
PG	Class 3	60	200	75122200	1,590	12	Steel with surface coating	11472	IP44
PG	Class 3	60	300	75122300	2,418	6	Steel with surface coating	17372	IP44
PG	Class 3	60	400	75122400	2,974	6	Steel with surface coating	23272	IP44
PG	Class 3	60	500	75122500	5,030	6	Steel with surface coating	29172	IP44
PG	Class 3	60	600	75122600	5,845	6	Steel with surface coating	35072	IP44
GC	Class 5	35	100	75131100	0,854	24	Steel with surface coating	3122	IP44
GC	Class 5	35	150	75131150	1,080	12	Steel with surface coating	4822	IP44
GC	Class 5	35	200	75131200	1,540	12	Steel with surface coating	6522	IP44
GC	Class 5	35	300	75131300	2,071	12	Steel with surface coating	9922	IP44
GC	Class 5	60	60	75132060	0,902	24	Steel with surface coating	3122	IP44
GC	Class 5	60	100	75132100	1,080	24	Steel with surface coating	5572	IP44
GC	Class 5	60	150	75132150	1,530	12	Steel with surface coating	8522	IP44
GC	Class 5	60	200	75132200	1,810	12	Steel with surface coating	11472	IP44
GC	Class 5	60	300	75132300	3,038	6	Steel with surface coating	17372	IP44
GC	Class 5	60	400	75132400	3,323	6	Steel with surface coating	23272	IP44
GC	Class 5	60	500	75132500	5,430	6	Steel with surface coating	29172	IP44
GC	Class 5	60	600	75132600	6,325	6	Steel with surface coating	35072	IP44
PG	Class 3	100	100	75424100	1,496	12	Steel with surface coating	9492	IP44
PG	Class 3	100	200	75424200	2,303	6	Steel with surface coating	19392	IP44
PG	Class 3	100	300	75424300	2,858	6	Steel with surface coating	29292	IP44
PG	Class 3	100	400	75424400	4,854	6	Steel with surface coating	39192	IP44
PG	Class 3	100	500	75424500	5,650	6	Steel with surface coating	49092	IP44
PG	Class 3	100	600	75424600	6,466	6	Steel with surface coating	58992	IP44
GC	Class 5	100	100	75434100	1,707	12	Steel with surface coating	9492	IP44
GC	Class 5	100	200	75434200	2,573	6	Steel with surface coating	19392	IP44
GC	Class 5	100	300	75434300	3,198	6	Steel with surface coating	29292	IP44
GC	Class 5	100	400	75434400	5,254	6	Steel with surface coating	39192	IP44
GC	Class 5	100	500	75434500	6,110	6	Steel with surface coating	49092	IP44

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Pemsaband One. Metal Solid Click Cable tray

Ⓢ	IEC 61537			REF	kg/u		Ⓜ	mm²	IP
GC	Class 5	100	600	75434600	6,996	6	Steel with surface coating	58992	IP44
INOX	Class 9C	60	100	76552100	0,949	24	Stainless steel AISI 304	5572	IP44
INOX	Class 9C	60	150	76552150	1,145	12	Stainless steel AISI 304	8522	IP44
INOX	Class 9C	60	200	76552200	1,346	12	Stainless steel AISI 304	11472	IP44
INOX	Class 9C	60	300	76552300	2,098	6	Stainless steel AISI 304	17372	IP44
INOX	Class 9C	60	400	76552400	2,574	6	Stainless steel AISI 304	23272	IP44
INOX	Class 9C	60	500	76552500	3,550	6	Stainless steel AISI 304	29172	IP44
INOX	Class 9C	60	600	76552600	4,135	6	Stainless steel AISI 304	35072	IP44
INOX	Class 9D	60	100	76562100	0,949	24	Acero inoxidable AISI 316L	5572	IP44
INOX	Class 9D	60	150	76562150	1,145	12	Acero inoxidable AISI 316L	8522	IP44
INOX	Class 9D	60	200	76562200	1,346	12	Acero inoxidable AISI 316L	11472	IP44
INOX	Class 9D	60	300	76562300	2,098	6	Acero inoxidable AISI 316L	17372	IP44
INOX	Class 9D	60	400	76562400	2,574	6	Acero inoxidable AISI 316L	23272	IP44
INOX	Class 9D	60	500	76562500	3,550	6	Acero inoxidable AISI 316L	29172	IP44
INOX	Class 9D	60	600	76562600	4,135	6	Acero inoxidable AISI 316L	35072	IP44
AZ+	Class 8	60	60	82003752	0,925	24	Steel with surface coating	3122	IP44
AZ+	Class 8	60	100	82003753	1,110	24	Steel with surface coating	5572	IP44
AZ+	Class 8	60	150	82003754	1,350	12	Steel with surface coating	8522	IP44
AZ+	Class 8	60	200	82003755	1,590	12	Steel with surface coating	11472	IP44
AZ+	Class 8	60	300	82003756	2,748	6	Steel with surface coating	17372	IP44
AZ+	Class 8	60	400	82003757	3,394	6	Steel with surface coating	23272	IP44
AZ+	Class 8	60	500	82003758	4,029	6	Steel with surface coating	29172	IP44
AZ+	Class 8	60	600	82003759	4,695	6	Steel with surface coating	35072	IP44
AZ+	Class 8	100	100	82004266	1,496	12	Steel with surface coating	9492	IP23
AZ+	Class 8	100	200	82004267	2,623	6	Steel with surface coating	19392	IP23
AZ+	Class 8	100	300	82004268	3,258	6	Steel with surface coating	29292	IP23
AZ+	Class 8	100	400	82004269	4,854	6	Steel with surface coating	39192	IP23
AZ+	Class 8	100	500	82004270	5,650	6	Steel with surface coating	49092	IP23
AZ+	Class 8	100	600	82004271	6,466	6	Steel with surface coating	58992	IP23

Ⓢ 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

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Pemsaband One. Metal Solid Click Cable tray

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 tray

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

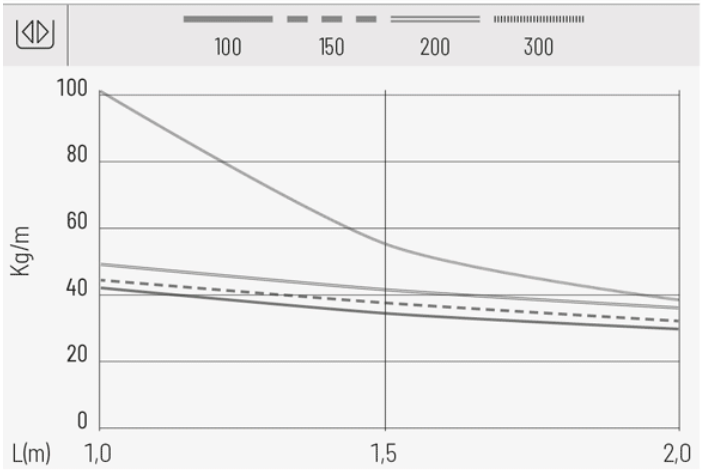
Valeurs obtenues conformément à la norme CEI 61537, édition 3, selon les essais verticaux horizontaux à travées multiples énumérés au point 10.5.1 de la présente norme, avec un coefficient de sécurité de 170 % et sans jamais atteindre l'effondrement.

Ensaios de carga CTA em instalações horizontais

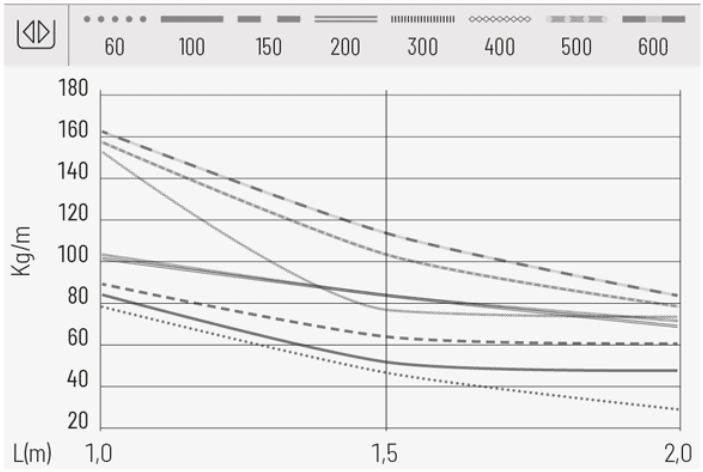
Valores obtidos de acordo com a norma IEC 61537, edição 3, segundo os ensaios vertical horizontal de vãos múltiplos enumerados no ponto 10.5.1 da presente norma, com um coeficiente de segurança de 170% e sem nunca atingir o colapso.

	60	100	150	200	300	400	500	600
	mm²							
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

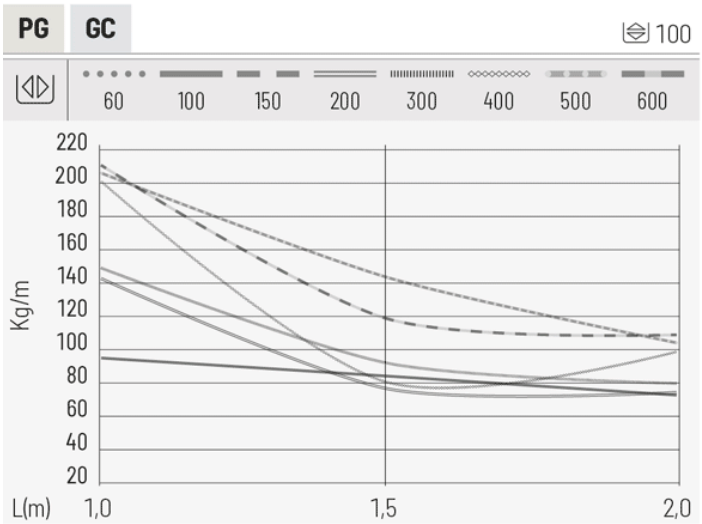
PG **GC** — 35



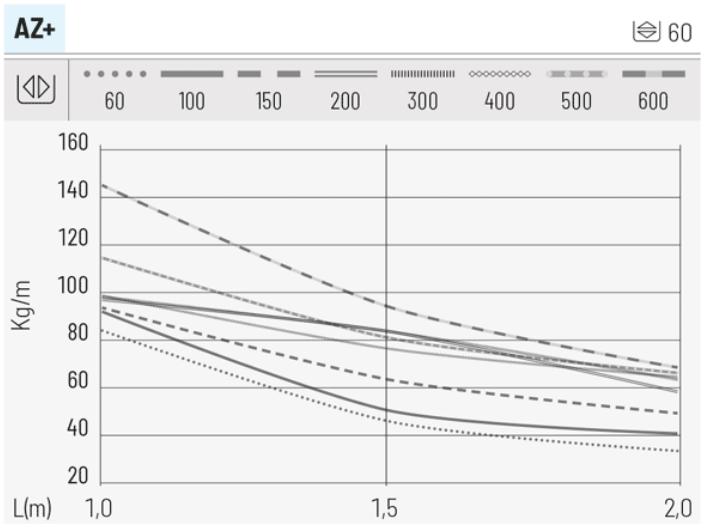
PG **GC** — 60



PG **GC** — 100



AZ+ — 60



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Pemsaband One. Metal Solid Click Cable tray

Ensayos de carga CTA instalaciones verticales en recorrido horizontal

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 vertical plane running horizontally

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 verticales avec déplacement horizontal

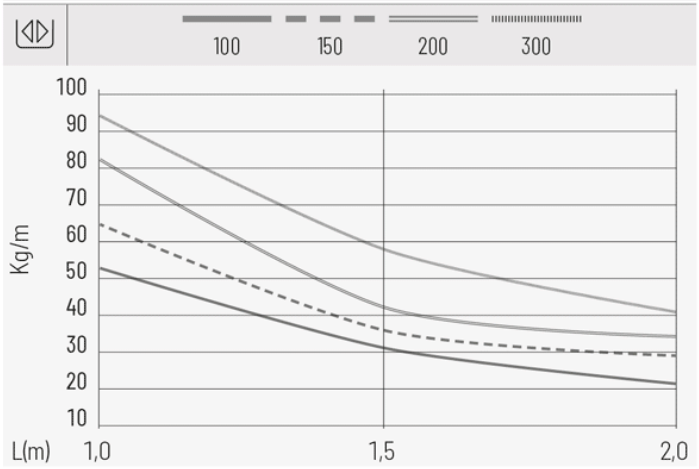
Valeurs obtenues conformément à la norme CEI 61537, édition 3, selon les essais verticaux horizontaux à travées multiples énumérés au point 10.5.1 de la présente norme, avec un coefficient de sécurité de 170 % et sans jamais atteindre l'effondrement.

Ensaios de carga CTA instalações verticais em deslocações horizontais

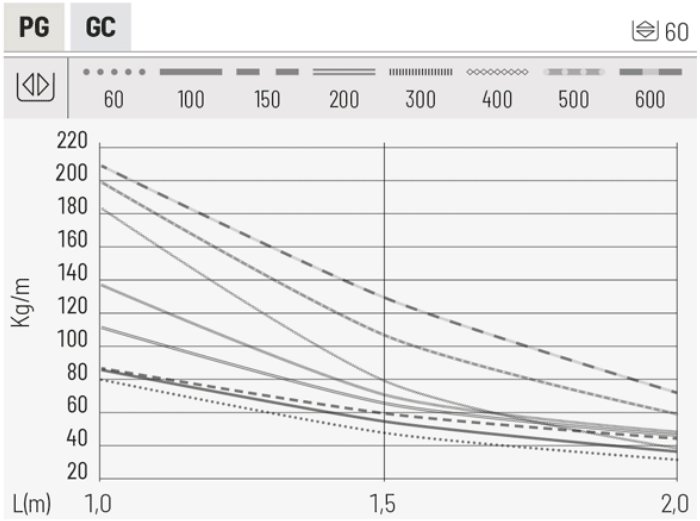
Valores obtidos de acordo com a norma IEC 61537, edição 3, segundo os ensaios vertical horizontal de vãos múltiplos enumerados no ponto 10.5.1 do presente norma, com um coeficiente de segurança de 170% e sem nunca atingir o colapso.

	60	100	150	200	300	400	500	600
	mm²							
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

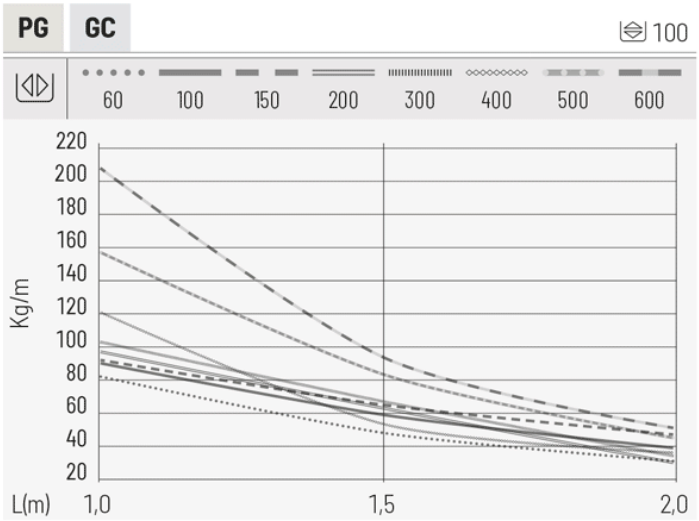
PG **GC** — 35



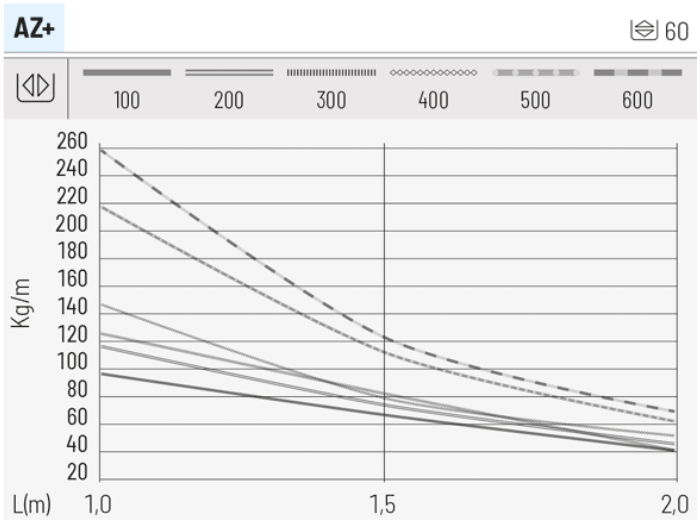
PG **GC** — 60



PG **GC** — 100



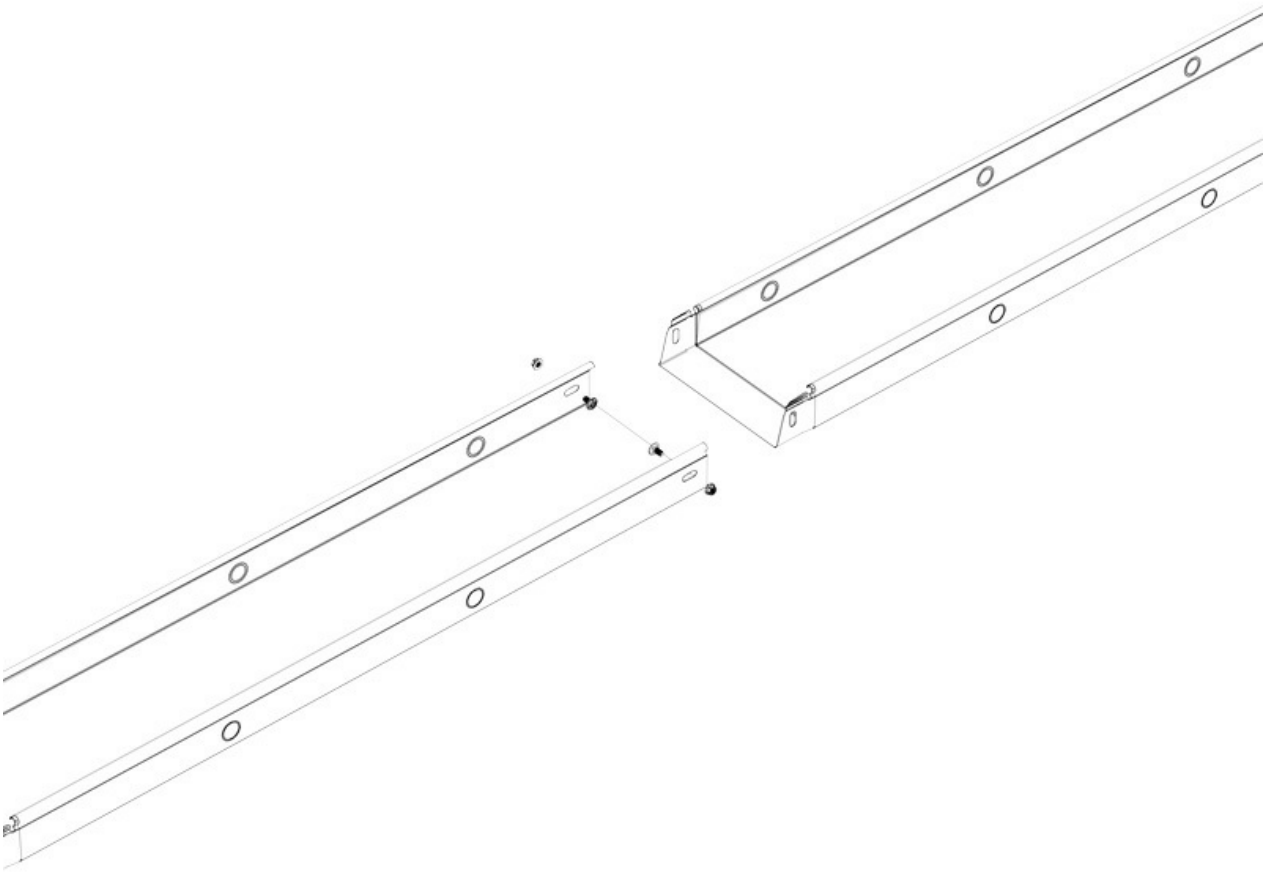
AZ+ — 60



Product applications

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Pemsaband One. Metal Solid Click Cable tray



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