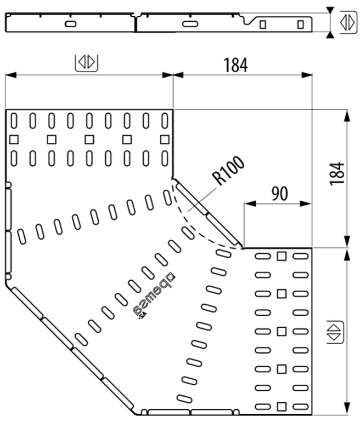
# 90° bend Pemsaband Vulcan






## Description

90º Flat Bend accessory made of steel. Available in PG and AZ+ protection systems. Features a plug-in system for quick connection to Pemsaband® Vulcan cable trays. Hole pattern that provides continuity to the cable tying and facilitate a suitable bending radius for the cables.

## Advantages

Plug-in connection system that requires no additional couplers, only the installation of the M6 Pemsaband® Vulcan Coupler kit which allows cost savings in material and labour.

Designed to facilitate cable tying, maintain the bend radius and guarantee the integrity and correct routing of the cables.

Aesthetics integrated with the rest of the Pemsaband®Vulcan range ensuring a professional finish to the installation.

High corrosion resistance. Available in PG and AZ+ protection systems. Class 3 and Class 8 according to BS EN 61537

Regulatory compliance: designed and developed in accordance with edition 3 of IEC 61537, Directive 2014/35/EU (CE marking) and UKCA marking, ensuring safety and reliability in electrical installations.

## Applications

This accessory is designed to create 90º flat bends for the management, support, transport and distribution of cables in electrical and/or telecommunications installations. It is applicable to, among others, the following areas: -Buildings, including public buildings, shopping centres and Data Centres (DCs) . - Civil engineering works and infrastructure, such as tunnels, car parks, airports, railways and underground/metro lines. - The service and industrial sectors, being suitable for applications in manufacturing, chemical and food industries. The system is suitable for rapid installation indoors in controlled atmospheres, as well as in outdoor installations or humid environments, selecting the appropriate protection and finishing system in each case based on the environmental and service conditions.

## Solutions



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## Main technical characteristics

PG3, Pregalvanised, ZM High Resistance Alloy | 12, 18, 25, 50 | 50, 75, 100, 150, 225, 300, 450, 600, 750, 900 | 1

Steel with surface coating | 20 J | IP44 | -50 / 150 °C | A1 No combustible | ETIM 10 EC002400

## Product data

| S | F | Class IEC 61537 | | | REF | kg/u |
|---|---|---|---|---|---|---|
| PG | PG3, Pregalvanised | Class 3 | 12 | 50 | 82004712 | 0,162 |
| PG | PG3, Pregalvanised | Class 3 | 12 | 75 | 82004713 | 0,230 |
| PG | PG3, Pregalvanised | Class 3 | 12 | 100 | 82004714 | 0,306 |
| PG | PG3, Pregalvanised | Class 3 | 12 | 150 | 82004715 | 0,456 |
| PG | PG3, Pregalvanised | Class 3 | 12 | 225 | 82004716 | 0,754 |
| PG | PG3, Pregalvanised | Class 3 | 18 | 300 | 82004717 | 1,710 |
| PG | PG3, Pregalvanised | Class 3 | 25 | 50 | 82004718 | 0,221 |
| PG | PG3, Pregalvanised | Class 3 | 25 | 75 | 82004719 | 0,298 |
| PG | PG3, Pregalvanised | Class 3 | 25 | 100 | 82004720 | 0,372 |
| PG | PG3, Pregalvanised | Class 3 | 25 | 150 | 82004721 | 0,531 |
| PG | PG3, Pregalvanised | Class 3 | 25 | 225 | 82004722 | 0,837 |
| PG | PG3, Pregalvanised | Class 3 | 25 | 300 | 82004723 | 1,803 |
| PG | PG3, Pregalvanised | Class 3 | 25 | 450 | 82004724 | 3,169 |
| PG | PG3, Pregalvanised | Class 3 | 25 | 600 | 82004725 | 4,861 |
| PG | PG3, Pregalvanised | Class 3 | 50 | 50 | 82004726 | 0,319 |
| PG | PG3, Pregalvanised | Class 3 | 50 | 75 | 82004727 | 0,399 |
| PG | PG3, Pregalvanised | Class 3 | 50 | 100 | 82004728 | 0,479 |
| PG | PG3, Pregalvanised | Class 3 | 50 | 150 | 82004729 | 0,652 |
| PG | PG3, Pregalvanised | Class 3 | 50 | 225 | 82004730 | 1,475 |
| PG | PG3, Pregalvanised | Class 3 | 50 | 300 | 82004731 | 2,043 |
| PG | PG3, Pregalvanised | Class 3 | 50 | 450 | 82004732 | 3,469 |
| PG | PG3, Pregalvanised | Class 3 | 50 | 600 | 82004733 | 5,220 |
| PG | PG3, Pregalvanised | Class 3 | 50 | 750 | 82004734 | 12,117 |
| PG | PG3, Pregalvanised | Class 3 | 50 | 900 | 82004735 | 16,232 |
| PG | PG3, Pregalvanised | Class 3 | 25 | 750 | 82004736 | 11,416 |
| PG | PG3, Pregalvanised | Class 3 | 25 | 900 | 82004737 | 15,435 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 25 | 750 | 82004738 | 11,416 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 25 | 900 | 82004739 | 15,435 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 25 | 50 | 82004740 | 0,221 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 25 | 75 | 82004741 | 0,298 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 25 | 100 | 82004742 | 0,372 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 25 | 150 | 82004743 | 0,531 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 25 | 225 | 82004744 | 0,837 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 25 | 300 | 82004745 | 1,803 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 25 | 450 | 82004746 | 3,169 |



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| Ⓢ | Ⓕ | Class IEC 61537 | | | REF | kg/u |
|---|---|---|---|---|---|---|
| AZ+ | ZM High Resistance Alloy | Class 8 | 25 | 600 | 82004747 | 4,861 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 50 | 50 | 82004748 | 0,319 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 50 | 75 | 82004749 | 0,399 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 50 | 100 | 82004750 | 0,479 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 50 | 150 | 82004751 | 0,652 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 50 | 225 | 82004752 | 1,475 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 50 | 300 | 82004753 | 2,043 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 50 | 450 | 82004754 | 3,469 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 50 | 600 | 82004755 | 5,220 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 50 | 750 | 82004972 | 12,117 |
| AZ+ | ZM High Resistance Alloy | Class 8 | 50 | 900 | 82004973 | 16,232 |

## Ⓢ 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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