# ROOFSUPPORT
BY CONDUCT

## Designed to protect




CABLE MANAGEMENT

CONDUCT
TECHNICAL SOLUTIONS

ROOFSUPPORT BY CONDUCT

CABLE MANAGEMENT

# Cable management

RoofSupport is the solution for safe and sustainable cable management in solar projects. Thanks to its click connection, installation is quick, simple, and efficient. Due to its robust construction and material, manufactured from high-quality steel with an EZ1000 surface treatment, the system offers high corrosion resistance and contributes to a reduced $CO_2$ footprint.

Cables between solar panels and inverters are structured and installed safely with RoofSupport in accordance with IEC 60364, ensuring optimal protection against mechanical stress and weather conditions. The system is storm-resistant, cost-efficient, and ideal for both residential and commercial projects. Choose RoofSupport and experience a hassle-free installation that meets the highest standards of safety and sustainability.

## Why RoofSupport?

- Structured and secure installation of cable infrastructure.
- Complete kits available under a single item code.
- A proven product with more than 15 years of resistance to storm damage.
- Manufactured from steel with an EZ1000 surface treatment.
- Ultra-fast assembly/no tools required.
- Wind certified.
- Guaranteed potential equalisation up to 100 metres.
- Contributes to a reduced $CO_2$ footprint.



GENERAL

## EZ1000 Surface Treatment

Thanks to its robust construction and the use of high-quality steel with an EZ1000 surface treatment, this material offers excellent corrosion resistance and durability. The special coating provides a high level of corrosion resistance (class 8), making it highly suitable for long-term applications, even under harsh weather conditions.

In addition, the coating has self-healing properties: after cutting or damage, no zinc spray is required, as the protective layer restores itself automatically. This combination of material and finishing contributes to a long service life of PV installations and reliable long-term performance.



## The system

RoofSupport combines corrosion-resistant wire mesh cable trays from 60 mm to 600 mm in width with UV-resistant roof supports for a fast, safe, and error-free installation. Thanks to its robust construction and the materials used, manufactured from high-quality steel with an EZ1000 surface treatment, the system is durable and reliable.

Whether for large commercial projects or residential applications, with a wide range of roof supports, RoofSupport offers a suitable solution for every situation. Thanks to the CLICK connection, RoofSupport is easy to install without tools.

## Wind certificate

Thanks to the open design of the RoofSupport wire tray system and the concrete-weighted roof supports, the systems are highly wind-resistant.

The wind resistance has been extensively tested in the Peutz wind tunnel and certified according to Peutz guidelines.

With the obtained certification and accurate calculations, RoofSupport is guaranteed to be suitable for all common applications.

Learn more about the wind certificate:

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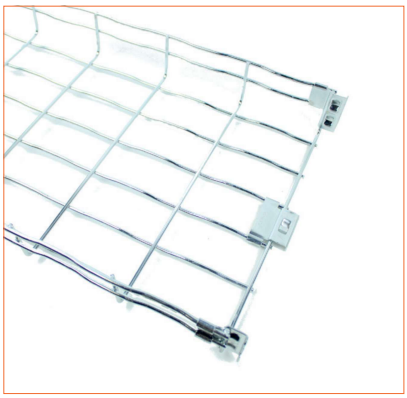
## Wire tray

RoofSupport is manufactured from steel with an EZ1000 surface treatment and is equipped with factory-fitted couplings. This prevents damage to cabling, as no burrs or flakes are created during production. Thanks to its robust construction and the materials used, RoofSupport offers a durable and reliable solution. With its excellent corrosion resistance, comparable to stainless steel, RoofSupport is suitable for a wide range of applications, even in coastal areas.

| Width (mm) | Height (mm) | Item number |
|---|---|---|
| 30 | 35 | 226113 |
| 60 | 65 | 2/17354 |
| 100 | 35 | 226114 |
| 100 | 65 | 2/17355 |
| 150 | 65 | 2/17356 |
| 200 | 65 | 2/17357 |
| 300 | 65 | 2/17358 |
| 400 | 65 | 2/17359 |
| 500 | 65 | 2/17361 |
| 600 | 65 | 2/17362 |



## Roof Support

The roof supports from RoofSupport provide robust and durable support for various applications. The RS RoofBlock, weighing 1 kg, is ideal for lightweight projects. For heavier applications, the RS RoofBlock XL, with its weight of 3.5 kg, ensures optimal stability. Additionally, the RS MountBlock is a flat model designed for mounting on a wall or steel roof. All roof supports are made from UV-resistant materials, ensuring they withstand prolonged exposure to sunlight without quality loss. They do not require fixation to the roof surface, making them suitable for a wide range of roof types.

| RS RoofBlock | RS RoofBlockXL | RS MountBlock |
|---|---|---|
|  |  |  |
| item no.: RSC102011 | item no.: RSXL102011 | item no.: RSMB102011 |

PRODUCT RAGE

## Cover

For a neat finish and extra protection, RoofSupport offers covers in widths ranging from 60 to 600 mm, thanks to their robust construction and the use of high-quality steel with a Zn-Al-Mg coating. Ideal for visible roofs or to protect cables from UV radiation, these covers ensure a tidy appearance and reduce cable exposure to sunlight. The covers are available on request in any desired RAL colour.

**Please note:** from 100 mm cover width onwards, cover clamps are mandatory.

| Width (mm) | Item number |
|---|---|
| 60 | 227520 |
| 100 | 227974 |
| 150 | 227975 |
| 200 | 227976 |
| 300 | 227977 |
| 400 | 227978 |
| 500 | 227979 |
| 600 | 227980 |



## Complete sets

RoofSupport offers sets with 60 mm and 100 mm wide wire trays, including RoofBlock roof supports, packaged as a 12-metre set in a single box with one item number. For smaller commercial or residential applications, there is RS HOME, consisting of 3 metres of wire tray (35 x 30 mm) and 2 roof supports. Perfect for projects with up to 4 DC circuits.

| Set description | Item number |
|---|---|
| Complete wire tray set 65 x 60 with UV-resistant roof supports.<br>Total length: 12 metres. | RSC6560-12M |
| Complete wire tray set 65 x 100 with UV-resistant roof supports.<br>Total length: 12 metres. | RSC65100-12M |
| Complete wire tray set RS HOME 30 x 35 with UV-resistant roof supports.<br>Total set length: 3 metres. | RSH3035-3M |

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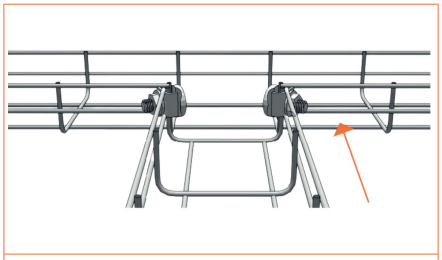
## Placement advice

For a safe and efficient installation of the RoofSupport system, it is important to position the roof supports correctly. Follow the placement advice carefully to ensure a stable, secure, and durable solution.

- **RS RoofBlock:** Suitable for wire cable trays with widths of **60, 100,** and **150 mm**. Install these **1 kg** roof supports every **1.20 meters** and adhere to the recommended number of cables for optimal load capacity and wind certification.

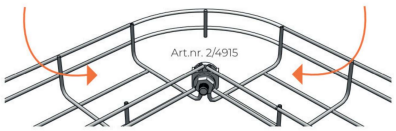
- **RS RoofBlockXL:** Designed for wider wire cable trays ranging from **200** to **600 mm**. Thanks to its **3.5 kg** weight, these supports can be installed every **2 meters**, reducing the number of supports required and lowering costs. Follow the recommended number of cables for optimal load capacity and wind certification.

- **RS MountBlock:** Suitable for wire cable trays with widths of **60, 100,** and **150 mm**. This flat roof support for wall and roof mounting is specifically designed for fast and secure installation of wire cable trays on trapezoidal roofs or walls.



## Couplings

The machine-fitted couplings on each wire tray section ensure a tool-free click connection. With consistent quality in the couplings, potential equalisation is guaranteed up to 100 metres, while the high installation speed is a significant advantage.




- **Reinforced Coupling**

The reinforced coupling, made of stainless steel, is used for connecting wire trays at right angles and securing bent sections.

Item number: 2/4915



- **Bend Coupling**

The adjustable bend coupling, made of stainless steel, is used for securing wider bends in curved sections and for connecting wire trays on curved roofs.

Item number: 2/5093

PRODUCT RAGE

## Accessories

Complete your installation with our range of accessories. Below is a selection, visit conduct.nl for the full overview.

| | Description | Art.nr | | Description | Art.nr |
|---|---|---|---|---|---|
|  | Central Hanging Bracket 60 mm<br>Central Hanging Bracket >100 mm | 2/0340<br>2/0373 |  | Reinforced Coupling Stainless Steel 304 | 2/4915 |
|  | Step-Over 80 x 100 cm<br>Step-Over 80 x 120 cm | RSSO80100<br>RSSO80120 |  | Bend Coupling Stainless Steel 304 | 2/5093 |
|  | Fire Wall Bracket for 150, 200, 300, 400 & 500 mm Fire Wall | RS.BWB.150<br>RS.BWB.200<br>RS.BWB.300<br>RS.BWB.400<br>RS.BWB.500 |  | Ceiling Support CLICK Console HD 100 mm | 2/7244 |
|  | FireWrap 400 x 420 mm | FW4042 |  | Side Bracket for Wire Tray 65x60 & 65x100 mm HD | 2/0370 |
|  | Wire Tray Cutter | 2/5066 |  | Wall Support HD 100 mm<br>Wall Support HD 150 mm<br>Wall Support HD 200 mm<br>Wall Support HD 300 mm | 2/7239<br>2/7240<br>2/7241<br>2/7242 |
|  | RoofSupport Warning Sign Fall Hazard | RS.FS100721 |  | Distance Support SV HD 100 mm | 2/1050 |
|  | RoofSupport Warning Sign Trip Hazard | RS.TS100721 |  | Separator 35 mm<br>Separator 60 mm | 2/3479<br>2/3480 |
|  | Cover Clip Stainless Steel 304<br>**Please note:** from 100 mm cover width onwards, cover clamps are mandatory. | 2/10254 |  | Acid-Resistant Kit Grey (for synthetic roofing)<br>Bituminous Kit Black (for bitumen roofing) | RS17072<br>RS17073 |

### Conduct thinks along

At Conduct, customer service and support are at the core of everything we do. Whether it's about innovative solutions, custom projects, or delivering the best service, Conduct is here to provide support.

### Total solution

Conduct offers a total solution by combining the product groups PVshelter, RoofSupport, PVbox, PVtube, and SolarCable. This ensures a reliable, fire-safe, and efficient solar panel installation.

### Ordering

Conduct's product range is available through various distributors across Europe. Scan the QR code below for a full list of our partners and to access sales points directly.

### Contact

Feel free to email us at info@conduct.nl or contact us by phone at +31 (0) 180 - 53 11 20. Conduct is available Monday to Friday from 08:30 to 17:00 and is happy to assist with any questions you may have.

## FIND DISTRIBUTOR

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