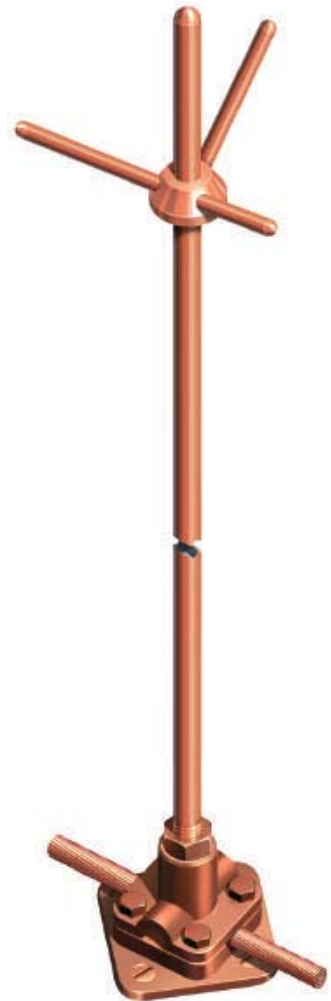


The following pages (59 – 62) detail the products required to install a 'cable and wire' lightning protection system. Additionally, accessories can be found on pages 63 – 64.

Details of the cable and wire conductors can be found in the Conductors section.

## Air rod

| Rod length | Rod diameter | Thread diameter | Material | Weight each | Part No.         |
|------------|--------------|-----------------|----------|-------------|------------------|
| 500mm      | 15mm         | 16mm            | Copper   | 0.73kg      | RA215            |
| 1000mm     | 15mm         | 16mm            | Copper   | 1.51kg      | RA225            |
| 1500mm     | 15mm         | 16mm            | Copper   | 2.35kg      | RA230 <b>NEW</b> |
| 2000mm     | 15mm         | 16mm            | Copper   | 3.00kg      | RA240            |
| 3000mm     | 15mm         | 16mm            | Copper   | 4.70kg      | RA250 <b>NEW</b> |



Manufactured from high conductivity hard drawn copper, with rolled threads. Supplied complete with locknut.

*"Field Trials in the United States, carried out over many years research have confirmed that blunt air rods are struck by lightning in preference to taper pointed air rods."*

"Lightning rod improvement studies" by C B Moore, W Rison, J Mathis, G Aulich. Journal of Applied Meteorology, May 2000.

Note: during high winds and extreme weather conditions air rods over 1000mm long can be subjected to fatigue mechanisms. It is therefore recommended that additional supports are considered before installation.



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## Multiple point

| Rod diameter | Material | Weight each | Part No. |
|--------------|----------|-------------|----------|
| 15mm         | Copper   | 0.27kg      | RA600    |

Manufactured from high conductivity hard drawn copper, suitable for use with copper air rods only.

## Flat saddle

| Conductor size | Rod diameter | Thread diameter | Conductor material | Weight each | Part No. |
|----------------|--------------|-----------------|--------------------|-------------|----------|
| 50mm           | 15mm         | 16mm            | Copper             | 1.03kg      | SD155    |
| 70mm           | 15mm         | 16mm            | Copper             | 0.95kg      | SD160    |
| 95mm           | 15mm         | 16mm            | Copper             | 0.95kg      | SD165    |



Manufactured from a high quality copper alloy. Simple to install, providing an effective connection between air rod and stranded air termination conductors.



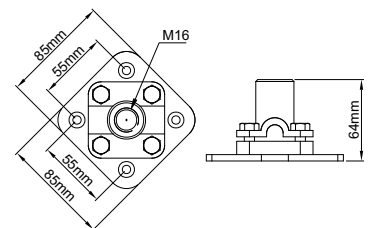
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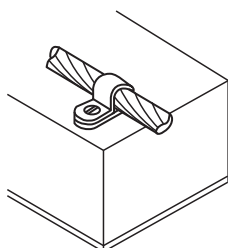
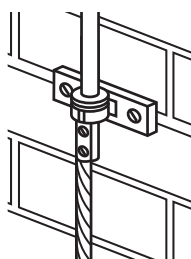
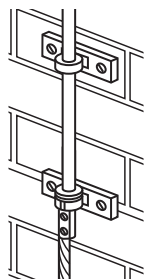


Fix using countersunk wood screws 1½" No. 10 or M6 (Part no. SW005) and wall plugs (Part no. PS305) – see Accessories page 63.



Tightening torque 12Nm





## Rod brackets

| Rod diameter | Rod material | Weight each | Part No. |
|--------------|--------------|-------------|----------|
| 15mm         | Copper       | 0.90kg      | BR105    |

Manufactured from high quality copper alloy. Simple to install, providing an effective means of mounting an air rod on a vertical surface e.g. a chimney stack. Use in conjunction with the rod to cable coupling.



Fix using roundhead wood screws 1½" No. 12 or M8

## Rod to cable coupling

| Rod diameter | Thread diameter | Conductor size         | Conductor material | Weight each | Part No. |
|--------------|-----------------|------------------------|--------------------|-------------|----------|
| 15mm         | 16mm            | 50 – 70mm <sup>2</sup> | Copper             | 0.25kg      | CG705    |
| 15mm         | 16mm            | 95mm <sup>2</sup>      | Copper             | 0.25kg      | CG710    |

Manufactured from high quality copper alloy. Provides an effective connection between air rod and stranded air termination conductor. Use in conjunction with rod brackets.



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Tightening torque 6Nm

## One hole cable clip

| Conductor size    | Conductor material | Weight each | Part No. |
|-------------------|--------------------|-------------|----------|
| 50mm <sup>2</sup> | Copper             | 0.01kg      | CP910    |
| 70mm <sup>2</sup> | Copper             | 0.01kg      | CP915    |
| 95mm <sup>2</sup> | Copper             | 0.01kg      | CP920    |

Manufactured from pure copper, these simple pressed clips are available to suit a range of stranded copper conductors.



Fix using roundhead wood screws 1½" No. 10 or M6 (Part no. SW305) and wall plugs (Part no. PS305) – see Accessories page 63.

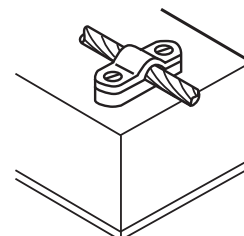
### Heavy duty cast cable saddle

| Conductor size    | Conductor material | Weight each | Part No. |
|-------------------|--------------------|-------------|----------|
| 50mm <sup>2</sup> | Copper             | 0.10kg      | CP810    |
| 70mm <sup>2</sup> | Copper             | 0.10kg      | CP815    |
| 95mm <sup>2</sup> | Copper             | 0.10kg      | CP835    |

Manufactured from high quality copper alloy. Simple to install, providing an effective fixing for stranded copper cables.



Fix using countersunk wood screws 1½" No. 10 or M6 (Part no. SW005) and wall plugs (Part no. PS305) – see Accessories page 63.



### Test clamp

| Conductor size    | Conductor material | Weight each | Part No. |
|-------------------|--------------------|-------------|----------|
| 50mm <sup>2</sup> | Copper             | 0.39kg      | CR855    |
| 70mm <sup>2</sup> | Copper             | 0.40kg      | CR860    |
| 95mm <sup>2</sup> | Copper             | 0.40kg      | CR865    |

Manufactured from high quality copper alloy. Simple to install, providing an effective low resistance overlap connection between stranded copper cables.



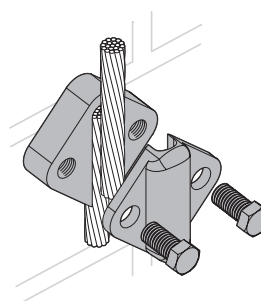
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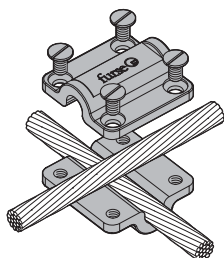


Fix using countersunk wood screws 1½" No. 10 or M6 (Part no. SW005) and wall plugs (Part no. PS305) – see Accessories page 63.



Tightening torque 12Nm





## Square conductor clamp

| Conductor size    | Conductor material | Weight each | Part No.     |
|-------------------|--------------------|-------------|--------------|
| 50mm <sup>2</sup> | Copper             | 0.32kg      | <b>CR810</b> |
| 70mm <sup>2</sup> | Copper             | 0.29kg      | <b>CR815</b> |
| 95mm <sup>2</sup> | Copper             | 0.25kg      | <b>CR820</b> |

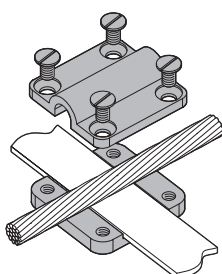
Manufactured from high quality copper alloy. Simple to install, providing an effective low resistance connection between overlapping stranded conductors allowing cross, tee, through and right angle joints to be formed.



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Tightening torque 6Nm



## **NEW** Cable to tape square clamp

| Conductor size                | Conductor material | Weight each | Part No.     |
|-------------------------------|--------------------|-------------|--------------|
| 25 x 3mm to 70mm <sup>2</sup> | Copper             | 0.30kg      | <b>CT130</b> |

Manufactured from high quality copper alloy. Simple to install, providing an effective low resistance connection between conductor tape and stranded copper conductor.



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Fix using countersunk wood screws 1½" No. 10 or M6 (Part no. **SW005**) and wall plugs (Part no. **PS305**) – see Accessories page 63.



Tightening torque 5Nm