Air termination
Air rods

Air rod

Material: High conductivity copper or aluminium

Part No.	Rod Length (mm)	Rod Diameter (mm)	Thread Size	Conductor Material	Weight Each (kg)
For use with flat tape					
RA215*	500	15	M16	Copper	0.73
RA225*	1000	15	M16	Copper	1.51
RA230	1500	15	M16	Copper	2.35
RA240	2000	15	M16	Copper	3.00
RA250-FU	3000	15	M16	Copper	4.70
RA015	500	15	M16	Aluminium	0.29
RA025	1000	15	M16	Aluminium	0.53
RA030	1500	15	M16	Aluminium	0.80
RA040	2000	15	M16	Aluminium	1.06
RA050	3000	15	M16	Aluminium	1.60
For use with solid circular conductor					
RA400-FU	500	10	M10	Copper	0.33
RA402	1000	10	M10	Copper	0.65
RA080	500	10	M10	Aluminium	0.11
RA085	1000	10	M10	Aluminium	0.22
For use with stranded conductor					
RA215*	500	15	M16	Copper	0.73
RA225*	1000	15	M16	Copper	1.51
RA230	1500	15	M16	Copper	2.35
RA240	2000	15	M16	Copper	3.00
RA250-FU	3000	15	M16	Copper	4.70

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

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

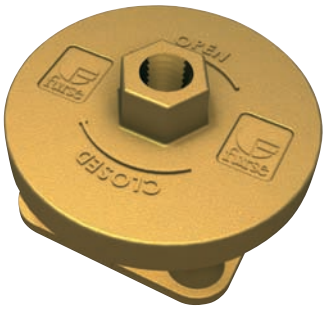
*UL96 (RA215, RA225)

Standards

UL96

BS EN 50164-2

Air termination
Air rod bases & saddles

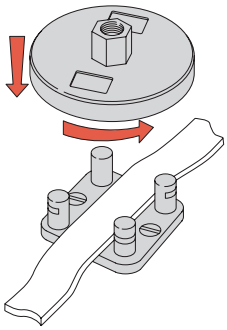


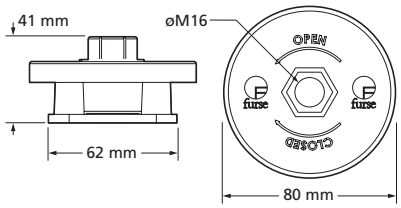
Air rod base

Material: Copper or aluminium alloy

Part No.	Rod Diameter (mm)	Thread Size	Maximum Conductor Width (mm)	Conductor Material	Weight Each (kg)
SD105-H*	15	M16	25	Copper	0.43
SD003-H	15	M16	25	Aluminium	0.14
SD120	15	M16	50	Copper	0.7

– Simple to install, providing an effective connection between air rod and air termination tape
– Fix using countersunk wood screws (Part no. SW005 or SW105) and wall plugs (Part no. PS305)
– Not as illustrated (drawing available on request)
*UL96 (SD120)

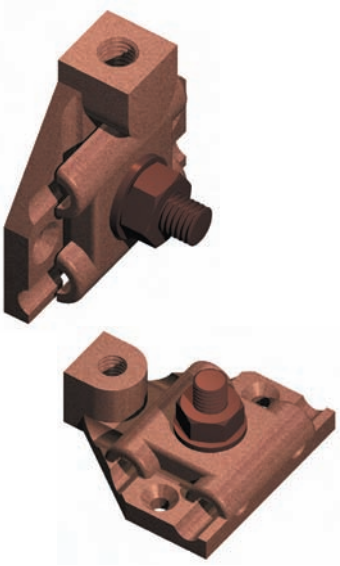




Standards

UL96

BS EN 50164-1 Class H

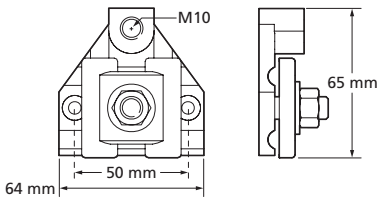


Horizontal or vertical air rod base

Material: Copper or aluminium alloy

Part No.	Conductor Diameter (mm)	Thread Size	Conductor Material	Weight Each (kg)	Mounting Plate
SD305	8	M10	Copper	0.30	Horizontal
SD307	8	M10	Copper	0.30	Vertical
SD005	8	M10	Aluminium	0.11	Horizontal
SD007	8	M10	Aluminium	0.11	Vertical
TBC	10	TBC	Aluminium	TBC	Horizontal
TBC	10	TBC	Copper	TBC	Vertical
TBC	10	TBC	Aluminium	TBC	Horizontal
TBC	10	TBC	Aluminium	TBC	Vertical

– Simple to install, providing an effective connection between an air rod and solid circular air termination conductor in either the horizontal or vertical plane
– Fix using countersunk wood screws 11⁄2" No. 10 or M6 (Part no. SW005 or SW105) and wall plugs (Part no. PS305)
– Tightening torque 15 Nm

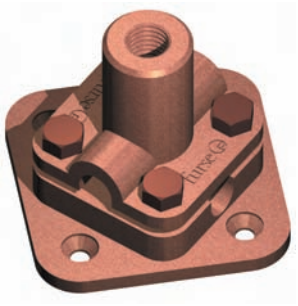


Standards

UL96

BS EN 50164-1 Class H

Air termination
Air rod bases & saddles



Flat saddle

Material: Copper or aluminium alloy

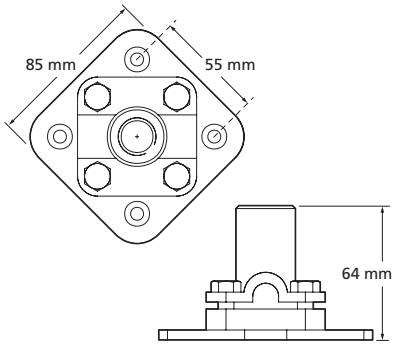
Part No.	Conductor Diameter (mm²)	Rod Diameter	Thread Size (mm)	Conductor Material	Weight Each (kg)
SD155	50	15	M16	Copper	1.03
SD160	70	15	M16	Copper	0.95
SD165	95	15	M16	Copper	0.95

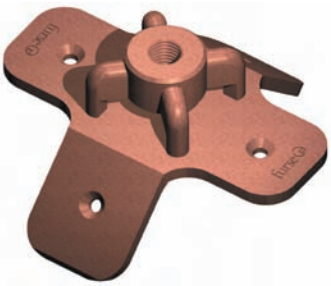
– Simple to install, providing an effective connection between air rod and stranded conductors
– Fix using countersunk wood screws 1 1⁄2" No. 10 or M6 (Part no. SW005) and wall plugs (Part no. PS305)
– Tightening torque 12 Nm

Standards

UL96

BS EN 50164-1 Class H





Ridge saddle

Material: Copper or aluminium alloy

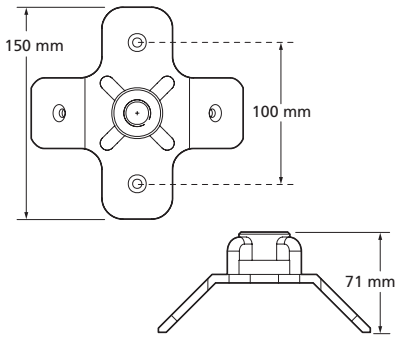
Part No.	Rod Diameter (mm)	Thread Size	Max. Conductor Width (mm)	Conductor Material	Weight Each (kg)
SD015	TBC	TBC	TBC	Copper	TBC
SD115	15	M16	31	Copper	1.07

– For supporting lightning conductor air rods on ridges
– Fix using countersunk wood screws 11⁄2" No. 10 or M6 (Part no. SW005 or SW105) and wall plugs (Part no. PS305)
– Tightening torque 15 Nm

Standards

UL96

BS EN 50164-1 Class H



Air termination
Air rod brackets & rod to conductor coupling

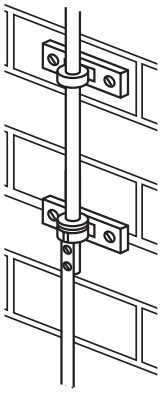
Rod brackets

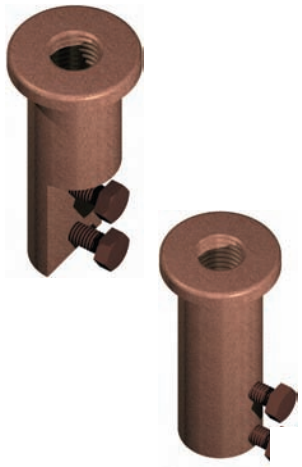
Material: Copper or aluminium alloy

Part No.	Rod Diameter (mm)	Rod Material	Weight Each (kg)
BR105	15	Copper	0.90
BR005	15	Aluminium	0.28

– Simple to install, providing an effective means of mounting an air rod on a vertical surface e.g. chimney stack. Use in conjunction with a rod to flat tape, or rod to stranded conductor coupling

– Fix using roundhead wood screws 1 1⁄2" x no. 12 or M8 and wall plugs





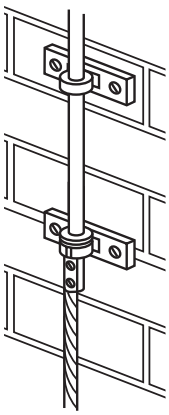
Rod to conductor coupling

Material: Copper or aluminium alloy

Part No.	Conductor Size (mm)	Rod Diameter (mm)	Thread Size	Rod Material	Weight Each (kg)
For use with flat tape conductor					
CG600	25 x 3	15	M16	Copper	0.23
CG500	25 x 3	15	M16	Aluminium	0.08
For use with stranded conductor					
CG705	50-70 mm²	15	M16	Copper	0.25
CG710	95 mm²	15	M16	Copper	0.25

– Provides an effective connection between air rod and air termination tape or stranded air termination conductor. Use in conjunction with rod brackets

– Tightening torque 7 Nm (tape); 6 Nm (stranded)



Standards

UL96

BS EN 50164-1 Class H

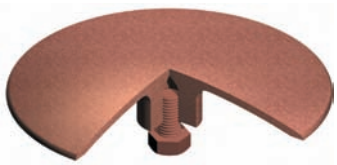
Air termination
Multiple point & strike pad

Multiple point

Material: Copper or aluminium alloy

Part No.	Rod Diameter (mm)	Conductor Material	Weight Each (kg)
RA600	15	Copper	0.27
RA500	15	Aluminium	0.10

– Manufactured from high conductivity hard drawn copper or aluminium suitable for use with air rods

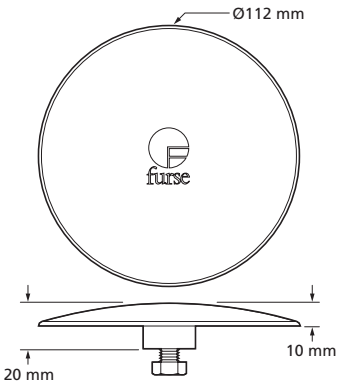


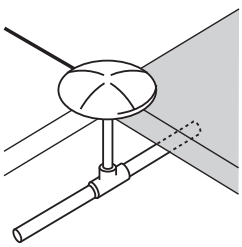
Strike pad

Material: Copper or aluminium alloy

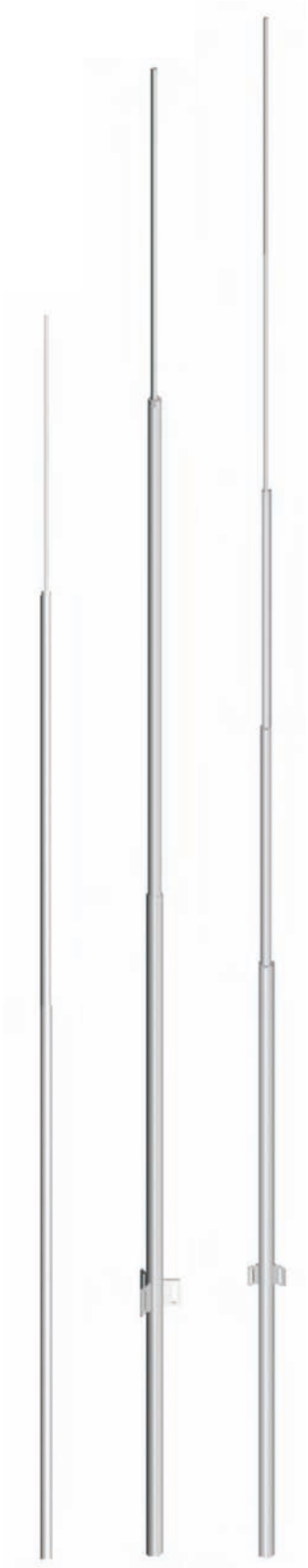
Part No.	Conductor Material	Weight Each (kg)
PL010	Copper	0.41
PL005	Aluminium	0.13
SM005	Stainless steel stem for use with PL005	0.06
SM010	Copper stem for use with PL010	0.07

– Designed to provide an exposed attractive point on conductor systems hidden/embedded in the building's fabric
e.g. below the tiles of a pitched roof
– Supplied with setscrew for attachment of lightning conductors





Air termination
Free standing air termination



Free standing interception pole

Material: Stainless steel 304 (interception pole) / Aluminium (interception tip)

Part No.	Pole Height (m)	Pole Diameter (mm)	Pole Construction	Weight Each (kg)
912000-FU	3	10-42	2 pce	5.0
912001-FU	3.5	10-42	2 pce	5.5
912002-FU	4	10-42	2 pce	7.0
912003-FU	4.5	10-42	2 pce	9.2
912004-FU	5	10-42	2 pce	10.0
912005-FU	5.5	10-42	2 pce	10.6
912006-FU	6	10-60	3 pce	18.0
912007-FU	6.5	10-60	3 pce	19.0
912008-FU	7	10-60	3 pce	23.5
912009-FU	7.5	10-60	3 pce	26.0
912010-FU	8	10-60	3 pce	28.7
912011-FU	9	10-60	3 pce	30.5
912013-FU	10	10-60	3 pce	35.5

– For construction of interception air rods from 3 to 10 m in height comprising interception pole, support frame and concrete bases
Multi-component, stackable system with screw retention. Supplied with 3 terminal lugs for base frame connection

Air termination
Free standing air termination

Free-standing interception pole base frame

Material: Stainless steel 304

Part No.	Frame Type	Rod Dimension (mm)	Weight Each (kg)
499000-FU	Square base	650 x 650	7
499005-FU	Tripod base	1350 x 1350	8
499006-FU	Tripod base	1850 x 1850	24.5
499007-FU	H shaped base	1850 x 1850	39.5

Free-standing interception pole base

Material: Concrete

Part No.	Description	Weight Each (kg)
499100-FU	Square concrete base 300 x 300 x 60 mm	12
499101-FU	Square concrete base 300 x 300 x 80 mm	16
103103-FU	Circular concrete base with M16 insert	12
103101-FU	Circular concrete base with M16 insert	16
103110-FU	Circular concrete base with M16 insert	20
103118-FU	Circular concrete base with M16 insert	25
Accessories		
103102-FU	Protective polyethylene tray for circular concrete blocks	0.4
919828-FU	Stainless steel clamp for connecting 25 x 3 mm copper tape to 5-19 mm thickness steel	0.55