Lightning Protection Materials
(피뢰 보호 자재)

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LIGHTNING PROTECTION MATERIAL INSTALLATION SYSTEM (피뢰 보호 설비 설치 시스템)
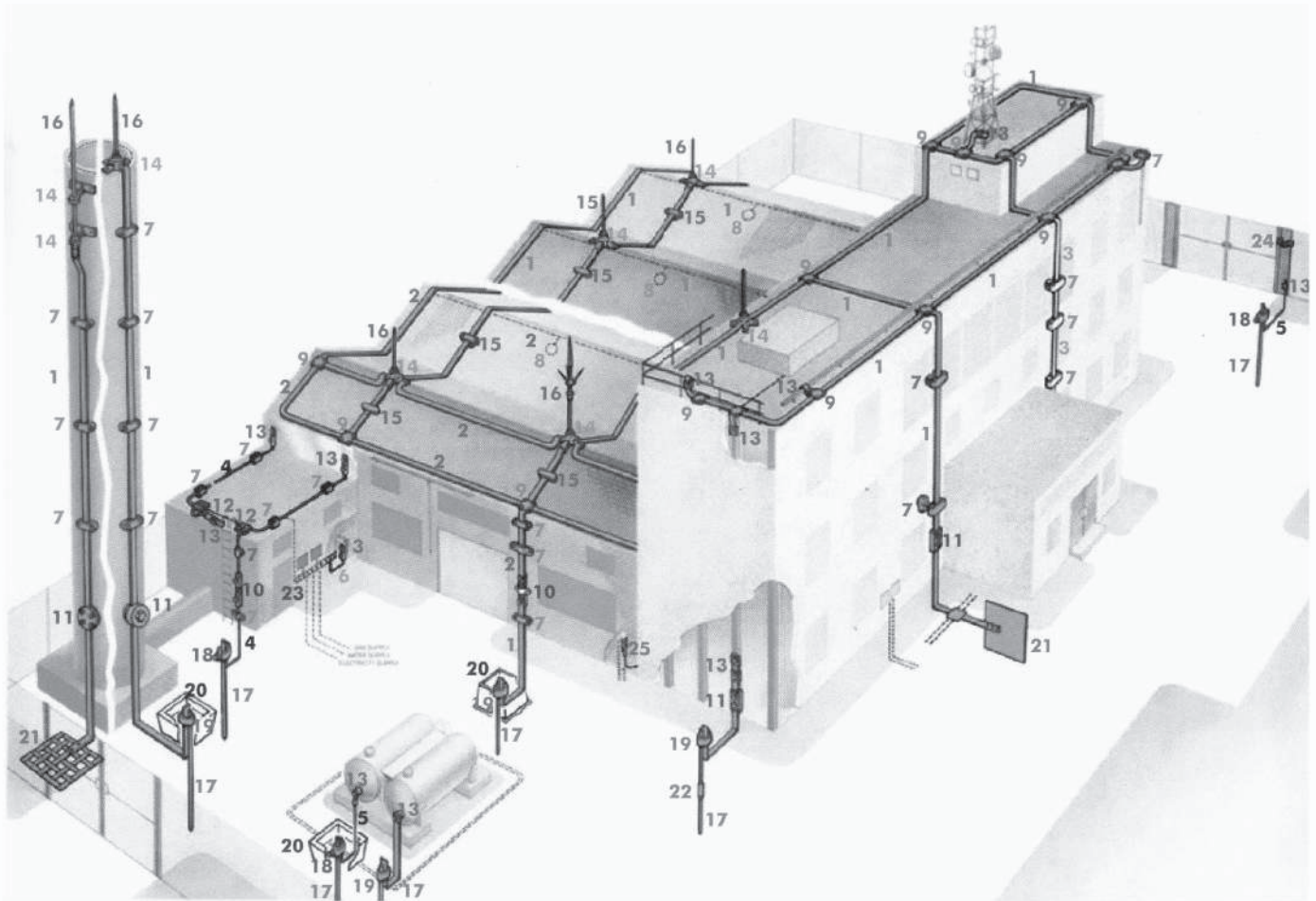
KEY

1. Roof Conductors (피뢰 전선)
2. Aluminium Ropray Conductor(B.C) (알루미늄 피뢰전선)
3. PVC Covered Conductor (PVC 절연 전선)
4. Soild Circular Conductor (피뢰 동봉)
5. Copper Stranded Conductor (나동선)
6. PVC Covered / Insulated Conductor (PVC 절연 전선)
7. Conductor Fixings (전선 지지대)
8. Strike Interception Plates (낙뢰 흡수판)
9. Junction Clamps for Tape (동테이프 연결 클램프)
10. Bi-metallic Connectors (바이메탈 컨넥터)
11. Test/Junction Clamps for Tape (동테이프 연결, 테스트 클램프)
12. Bonding Clamp (결합 클램프)
13. Bonds (접합제)

14. Air Terminal Fixings (피뢰침 지지대)
15. Slate Holdfasts (슬레이트 고정용 클램프)
16. Air Terminals (피뢰침)
17. Earth Rods (접지봉)
18. Earth Rod Clamps (접지봉 클램프)
19. Earth Rod Clamps (접지봉 클램프)
20. Inspection Test Well (테스트 웰)
21. Earth Plates / Lattice Mats (격자형 접지판)
22. Earth Rod Couplings (접지봉 커플링)
23. Earth Bars / Disconnecting (접지 바)
24. Flexible Braiding Bonds (접지 편조선)
25. Earth Bonding point (접지 결합점)

ADHESIVE REQUIREMENTS (접착제)

DESCRIPTION

Polyurethane Construction Adhesive is a one component, polyurethane based, moisture-curing adhesive. It is VOC compliant and contains no chlorinated solvents or water. Polyurethane Construction Adhesive provides superior adhesion to most common construction materials. It can be used for interior or exterior projects and is three times as strong as conventional solvent based construction adhesives. It is also waterproof, paintable and cures even in cold temperatures. Ideal for sub floor installations.

• Listed up to KHNP(Korea Hydro & Nuclear Power) specifications.

RECOMMENDED FOR

Bonds most common construction materials such as wood, treated wood, hardwood flooring, concrete, stone, marble, slate, masonry, brick, foam insulation of all sorts, carpets, metal, lead, cement-based products, ceramic, fiberglass, drywall and mirrors.

NOT RECOMMENDED FOR

• Plastic Tub Surrounds
• Water aubmersion applications
• Polystyrene, polyethylene or polypropylene
• Certain materials such as rubbers and
  plastics may have bonding difficuities. Test before use.

Part Number	Size
LPM-172X	10fl. OZ (295㎖)

FEATURES & BENEFITS

| Feature	Benefits
Low VOC content	Meets stringent state & federal regulatory requirements.
Waterproof	Great for interior or exterior applications
Meets and exceeds APA AFG-01 specs	Can be applied directly to dry, wet or frozen lumber
Low odor	No strong solvent odor; Great for interior use
Strong and versatile	Permanently bonds together almost any substrate
High strength	Stronger than many substrates it joins together ; Up to 3 times the strength of conventional adhesives
Broad Service Temperature	Suitable for use in hot and cold environments

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SOLID TYPE COPPER CONDUCTOR (피뢰동봉) ⓤ ⓒⓢⓡ

LPM-1R8
Class I Conductor. Bare Soft Drawn Copper, 0.314"(8mm) Diameter, 99,100 Curcular Mil(50mm²), Net Weight 0.302 LBS. Per Foot (447gram/meter)

ROPE RAY TYPE COPPER CONDUCTOR (피뢰용 나동선) ⓤ ⓒⓢⓡ
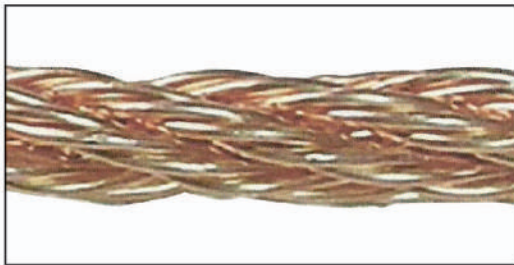
CLASS I CONDUCTOR

LPM-1M
Main Conductor. 14 Strands of 0.0657" Diameter Copper Wire, 0.393"(10mm) Diameter, Rope Lay, 60,500 Circular Mil(30mm²), Net Weight 0.191 LBS. Per Foot(281 gram/meter),AWG #2

LPM-1S
Secondary Conductor. 14 Strands of 0.057" Diameter Copper Wire, 0.342(8.7mm) Diameter, Rope Lay, 45,600 Circular Mil(23mm²), Net Weight 0.143 LBS. Per Foot(212 gram/meter),AWG #4

CLASS II CONDUCTOR

LPM-210
28 Strands of 0.0657" Diameter Copper Wire, 0.476"(12.1mm) Diameter, Rope Lay, 121,000 Circular Mil(61mm²), Net Weight 0.379 LBS. Per Foot (561 gram/meter), AWG #1/0

LPM-220
28 Strands of 0.068" Diameter Copper Wire, 0.5"(12.7mm) Diameter, Rope Lay, 132,000 Circular Mil(63.7mm²), Net Weight 0.416 LBS. Per Foot (616 gram/meter), AWG #2/0

LPM-230
49 Strands of 0.057" Diameter Copper Wire, 0.515"(13.1mm) Diameter, Rope Lay, 159,600 Circular Mil(80mm²), Net Weight 0.501 LBS. Per Foot (741 gram/meter), AWG #3/0

LPM-240
57 Strands of 0.057" Diameter Copper Wire, 0.618"(15.7mm) Diameter, Rope Lay, 185,700 Circular Mil(94mm²), Net Weight 0.586 LBS. Per Foot (866 gram/meter), AWG #4/0

SOLID COPPER AIR TERMINALS (피뢰침)

- Manufactured from highly conductive electrolytic tough pitch copper alloy 110.
- Conductivity greater than 99% when annealed.

Class I Soild Copper
3/8" Diameter Air Terminals

Part Number	Dia (In.)	Length (mm)
LPM-330A		420
LPM-330B	3/8"	610
LPM-330C		920
LPM-330D		1220

- Utilizes standard 3/8" UNC threads.

Class II Soild Copper
1/2" Diameter Air Terminals

Part Number	Dia (In.)	Length (mm)
LPM-331A		420
LPM-331B		610
LPM-331C	1/2"	920
LPM-331D		1220
LPM-331E		2440

- Utilizes standard 1/2" UNC threads.

Class II Soild Copper
5/8" Diameter Air Terminals

Part Number	Dia (In.)	Length (mm)
LPM-332A		420
LPM-332B		610
LPM-332C	5/8"	920
LPM-332D		1220
LPM-510		2440

- Utilizes standard 5/8" UNC threads.

Class II Soild Copper
3/4" Diameter Air Terminals

Part Number	Dia (In.)	Length (mm)
LPM-333A		450
LPM-333B		610
LPM-333C	3/4"	920
LPM-333D		1220
LPM-333E		2440

- Utilizes standard 3/4" UNC threads.

Other sizes and nickel plate tip available.

AIR TERMINAL ADAPTERS (피뢰침 어댑터) (UL) (CSA)

COUPLING
• Material : Copper Alloy
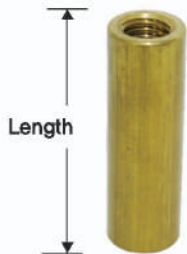
Part Number	I.D Top	I.D Bottom	Length
LPM-63C	1/2"	5/8"	2 - 9/8"
LPM-63W	5/8"	5/8"	
LPM-63Y	3/8"	5/8"	
LPM-63X	3/4"	5/8"	

ADJUSTABLE ADAPTER
• Material : Cast Copper Alloy

AIR TERMINALS
COUPLING
ADJUSTABLE ADAPTER
AIR TERMINAL BASE

Part Number	O.D Top	I.D Bottom
LPM-63A	5/8"	5/8"

COUPLING
• Material : Copper Alloy

Part Number	I.D Top	I.D Bottom	Length
LPM-63CB	1/2"	5/8"	1 - 5/16"
LPM-63WB	5/8"	5/8"	
LPM-63YB	3/8"	5/8"	
LPM-63XB	3/4"	5/8"	

ADJUSTABLE ADAPTER
• Material : Cast Copper Alloy

AIR TERMINALS
COUPLING
ADJUSTABLE ADAPTER
AIR TERMINAL BASE
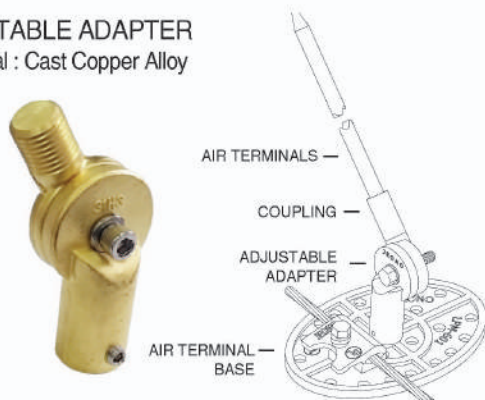
Part Number	O.D Top	I.D Bottom
LPM-63B	5/8"	5/8"

AIR TERMINAL BRACES (피뢰침 지지대) (UL) (CSA)

Three leg tripod braces are furnished in copper and used with our tube point air terminals. For proper length, see the description below. Braces are made of 1/4" rod and are pliable to permit shaping to roof. Other lengths are available upon request.
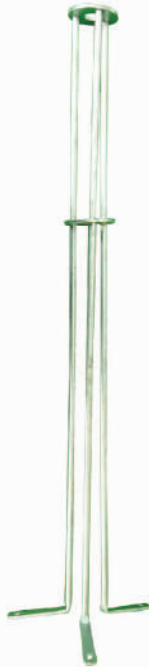
LPM-A110

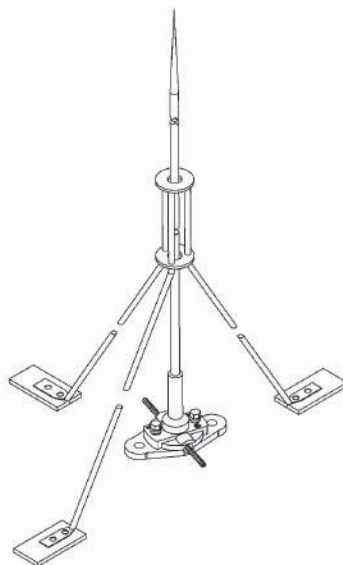Plated Steel Tripod Brace
18" length for 30" Air Terminal
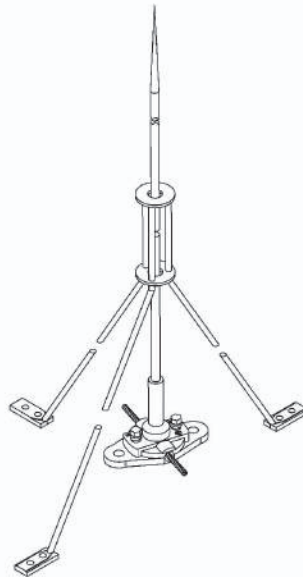
LPM-A111

Plated Steel Tripod Brace
24" length for 36" Air Terminal

LPM-A112

Plated Steel Tripod Brace
36" length for 48" Air Terminal

LPM-A110F

Plated Steel Tripod Brace
18" length for 30" Air Terminal

LPM-A111F

Plated Steel Tripod Brace
24" length for 36" Air Terminal

LPM-A112F

Plated Steel Tripod Brace
36" length for 48" Air Terminal

(Flat Feet Type "F")

AIR TERMINAL BASE (피뢰침 받침대) (UL) (CSA)

✱ Special order : Inside thread base
        (use without coupling)
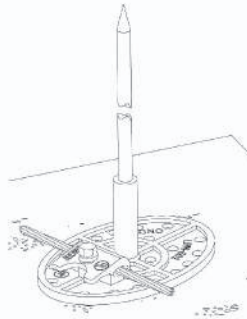
LPM-601

Cast Copper Alloy Point Base
For All Adapter Type
With Bolt Pressure Cable Clamp
Cables Through AWG #2~2/0 (35㎟~70㎟)
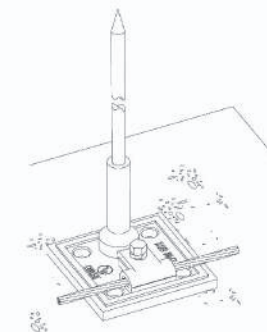Outside Thread : 5/8"
Installed Adhesive or Bolt
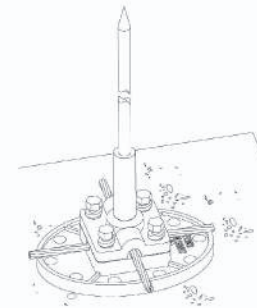
LPM-688C

Cast Copper Alloy Cross Run Point Base
For All Adapter Type
Cables Through AWG #2~2/0 (35㎟~70㎟)
Outside Thread : 5/8"
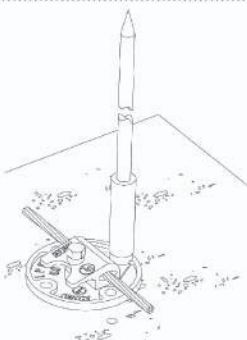Installed Adhesive or Bolt
* Only use for Coupling A-Type
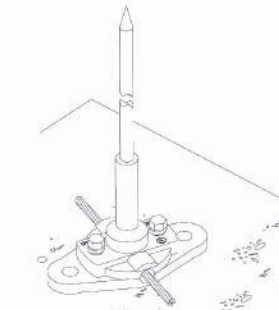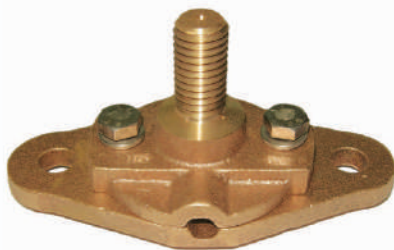
LPM-61B

Cast Copper Alloy Heavy Duty Flat Surface Point Base
For All Adapter Type
Cables Through AWG #2~2/0 (35㎟~70㎟)
Outside Thread : 5/8"
Installed Adhesive or Bolt
* Only use for Coupling A-Type

LPM-60X

Adhesive Cast Copper Alloy Point Base
With Bolt Pressure Cable Clamp
For All Adapter Type
Cables Though AWG #2~2/0 (35㎟~70㎟)
Outside Thread : 5/8"
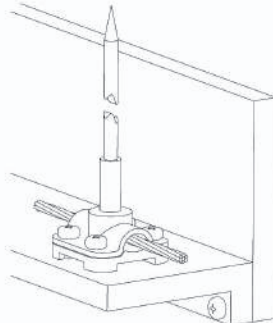Installed Adhesive or Bolt
* Only use for Coupling A-Type

LPM-60

Cast Copper Alloy Point Base
With Bolt Pressure Cable Clamp
For All Adapter Type
Mounting Holes 1/4" Clearance
Cables Though AWG #2~2/0 (35㎟~70㎟)
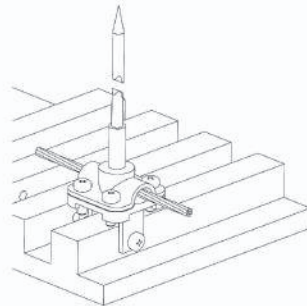Outside Thread : 5/8"
Installed Adhesive or Bolt

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AIR TERMINAL BASE (피뢰침 받침대) (UL) (CSA)

* Special order : Inside thread base
   (use without coupling)

LPM-66

Cast Copper Alloy Base for Mounting on Angles or Channels
at Screen Walls, ETC. The Mounting Bolts Secure
The Pressure Type Cable Clamp That Accepts Conductors
Through AWG #2~2/0 (35㎟~70㎟)
5/8" Outside and 3/8" Inside Threads.
The External Stud Accepts All Adapter Type Points.
Installed Adhesive or Bolt

LPM-66SS

Cast copper alloy base for standing seam metal roof.
With seam up to 3/4" wide.
Cable can be run parallel or perpendicular to seem.
No penetration of roofing seam required.
5/8" outside and 3/8" inside threads.
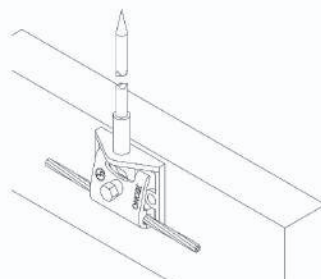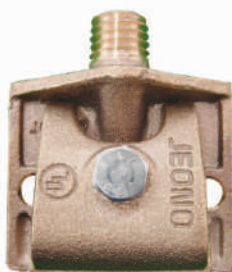Cable through AWG #2~2/0 (35㎟~70㎟)
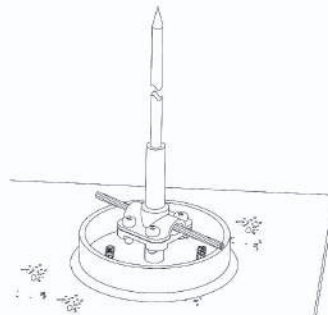
LPM-266B

No Nail Cast Copper Alloy Pan-Type Air Terminal and Cable
Fastener Base. Threads are 5/8" O.D. Base is fastened to
roof with adhesive and then filled with stone, chips or
concrete. Overall dia. Is 4" and inside dia. of the pan is
apporoximately 3-1/2". Cables Through AWG #2~2/0
(35㎟~70㎟) Installed Adhesive
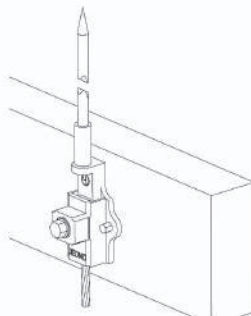
LPM-90X

Cast Copper Alloy Vertical Point Base
For All Adapter Type
Mounting Hole For Either 1/4" Bolts or Screws,
Cables Through AWG #2~2/0 (35㎟~70㎟)
Outside Thread : 5/8"
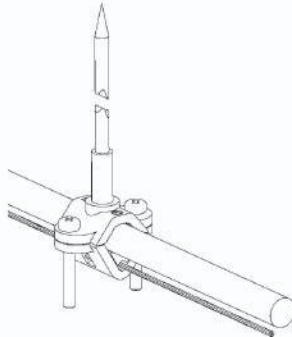Installed Adhesive or Bolt

LPM-273

Cast Copper Alloy Point Base
For Side Mounting with Cable Clamp
For All Adapter Type
Mounting Holes 1/4" Clearance
Cables Through AWG #2~2/0 (35㎟~70㎟)
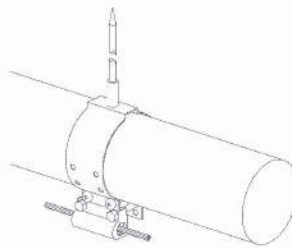Outside Thread : 5/8"
Installed Adhesive or Bolt

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AIR TERMINAL BASE (피뢰침 받침대) UL CSA

* Special order : Inside thread base
   (use without coupling)

LPM-181

Cast Copper Alloy Cable Clamp
For Mounting on Pipes, Round Handrails, etc.
Up to 1-3/4" O.D Pipe
All Adapter Type Points.
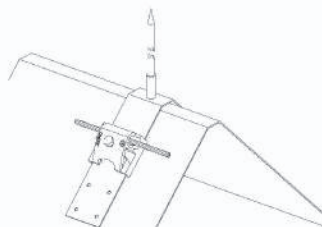Cables Through AWG #2~2/0 (35㎟~70㎟)
Outside Thread : 5/8"

LPM-681

An Adjustable Pipe Railing Base For Adapter Type Points.
Base Fits All Pipe Sizes
From 1-1/4" TO 2" O.D. HAS A 5/8"
External Stud For All Adapter Type
Points. No Cable Connection. (Used Where
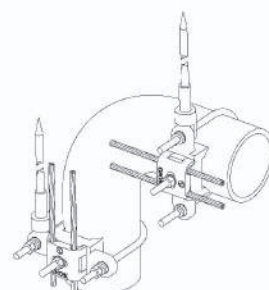Railing is Of Adequate Size to Serve As
Conductor.)
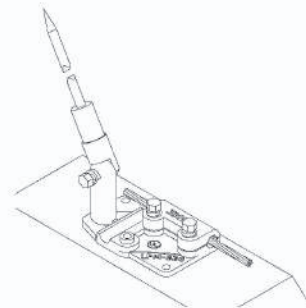
LPM-336

Adjustable Cast Copper Alloy Point Base
With Bolt Pressure Cable Clamp
For All Adapter Type
Cables Though AWG #1~2/0 (50㎟~70㎟)
Outside Thread : 5/8"
Installed Adhesive or Bolt

* Special Order
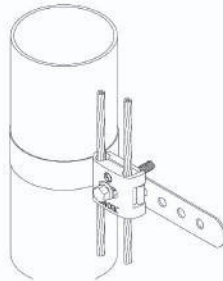 Cables Through AWG #2 (35㎟)

LPM-74

Adjustable Ridge Saddle of Pure Copper Base
2" Wide X 15" Long
Can Be Formed For Any Roof Slope.
Cast Copper Alloy Cable Clamp
All Adapter Type Points.
Cables Through AWG #2~2/0 (35㎟~70㎟)
Outside Thread : 5/8"
Installed Adhesive or Bolt

LPM-382 · LPM-383 · LPM-384

An Adjustable Pipe Railing Base For Adapter Type Points.
Base Fits All Pipe Sizes
From 1-1/4" TO 2" O.D. HAS A 5/8"
External Stud For All Adapter Type
Points. No Cable Connection. (Used Where
Railing is Of Adequate Size to Serve As
Conductor.) Cables Through AWG #2~2/0 (35㎟~70㎟)
LPM-383 for 3" O.D. Pipe
LPM-384 for 4" O.D. Pipe

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CONNECTOR AND BONDING MATERIALS (연결 및 결합 기구) Ⓤ Ⓒ

LPM 118A-Series

Bonding Strap
1" wide tinned copper
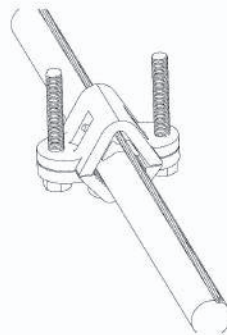with Cast Copper Alloy Pressure Type cable clamp.
Up to 4" O.D. Pipe.
Cables through AWG #2~2/0 (35㎟~70㎟)
LPM-118A-4 for 4" O.D
LPM-118A-6 for 6" O.D
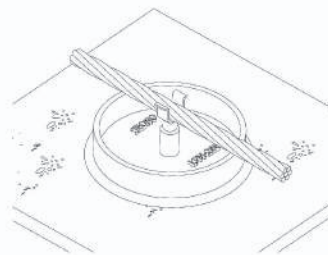**LPM-118A-8** for 8" O.D
LPM-118A-12 for 12" O.D

LPM-306X

Bonding Clamp
Cast Copper Alloy with tin coating
Up to 1-1/4" O.D. Pipe. Max.
Cables through AWG #2~2/0 (35㎟~70㎟)

LPM-266

No Nail Cast Copper Alloy Pan-Type Air Terminal and Cable Fastener.
Fastener is filled with roofing stone, chips or concrete and then fastened to roof with adhesive. Overall dia. is 6" and inside dia. of the pan is apporoximately 5". Wt. 98 lb. ea.
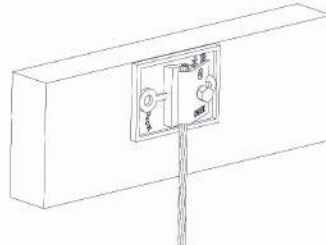Installed Adhesive

LPM-912

Flexible Bonding Strap
480 strands of AWG #30
3/4" Wide x 9-1/2" Long over-all
Bolt Hole to either 5/16" or 3/8"
Larger / Smaller holes are Available upon request

CONNECTOR AND BONDING MATERIALS (연결 및 결합 기구) (UL) (CSA)
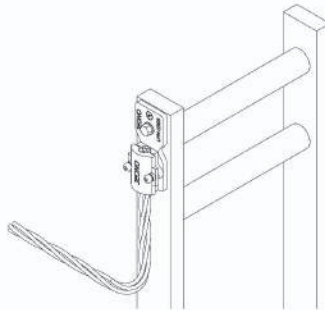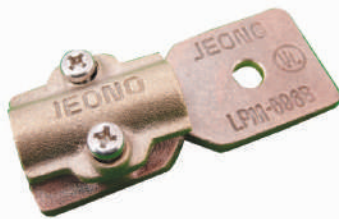
LPM-238B

Bonding Plate
Cast Copper Alloy with 8 in² Tinned contact area
Pressure clamp Type
Two hole will fit either sheet metal screw or
1/4" M/C screw
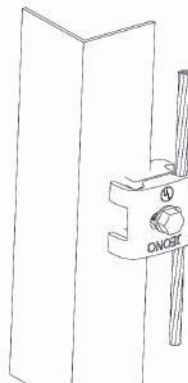Cables through AWG #2~2/0 (35㎟~70㎟)
Installed Adhesive or Bolt

LPM-596B

Cast Copper Alloy Heavy Duty Bonding Lug
with 2 bolts pressure clamp.
2" contact length.
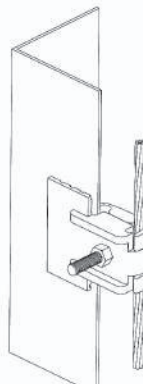Cables through AWG #2~2/0 (35㎟~70㎟)
Installed Adhesive or Bolt

LPM-298A

Flat Metal Bonding Clamp
Cast Copper Alloy with 1-1/2 contact Lg.
Up to 5/8" Thick Metal
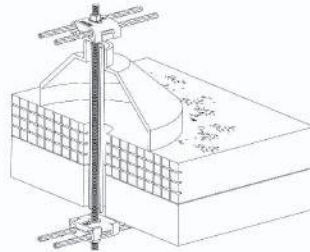Cables through AWG #2~2/0 (35㎟~70㎟)

LPM-298B

Flat Metal Bonding Clamp
Cast Copper Alloy with 3 in² contact area
Up to 3/8" Thick Metal
Cables through AWG #2~2/0 (35㎟~70㎟)

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JEONO®

## CONNECTOR AND BONDING MATERIALS (연결 및 결합 기구) (UL) (CSA)

LPM-597BM

Thru-Roof 1" PVC Conduit Connector
Riser passe through the roof deck with the down
lead termination below the roof.
Cables through AWG #2~2/0 (35㎟~70㎟)
1/2" Diameterx 18" Lg Stainless steel Riser Bar
with 1" PVC sleeve.
Aluminum clamp at Top and Cast Copper Alloy
coonector at low end.
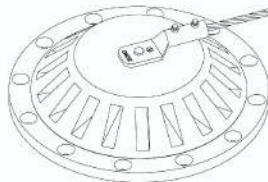
LPM-551

A Heavy Duty Bronze Bonding Lug That
Has Two Stainless Steel Set Screws For
Bonding All Standard Cables Through
AWG #2~2/0(35㎟~70㎟)
To Flat Metal Surfaces. Bolt
Hole Size is Normally 3/8" But Larger
Holes Can Be Furnished When Specified.
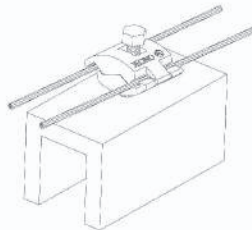
LPM-143

A small Size Premium Cast Copper Alloy
Parallel Clamp Of Cast Bronze With
1" Of Contact. Clamps Secondary
Size To Standard Cables Or Round Metal
Objects Through 5/.8" Diameter.
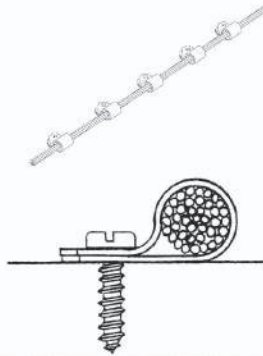Cable through AWG #2~2/0(35㎟~70㎟)
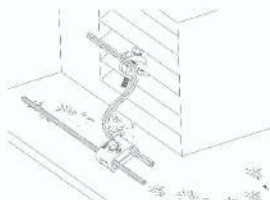
LPM-142X

A Small Bronze Clamp With
1" Of Contact To Connect Cable To Flat
Metallic Bodies Such As Flashings, ETC.
Cable through AWG #2~2/0(35㎟~70㎟)

H

H13

CABLE HOLDERS (전선 지지대) (UL) (CSA)
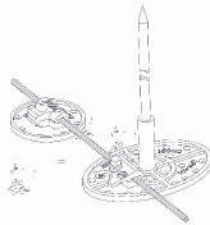
LPM-267

3" Diameter Cast Copper Alloy Paste Down Cable Fastener
Cables Through AWG #2~2/0 (35㎟~70㎟)
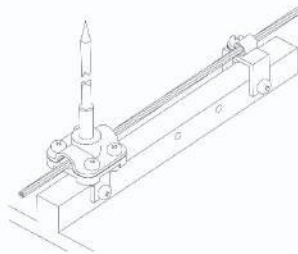Installed Adhesive or Bolt

LPM-121A

Cables Holder
Stamped Copper, 5/8" Wide with Hole for 1/4" Bolt
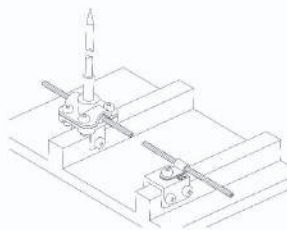Cables Through AWG #2~2/0 (35㎟~70㎟)

LPM-121SS

Stamped Copper, 5/8" Wide with Hole for 1/4" Bolt
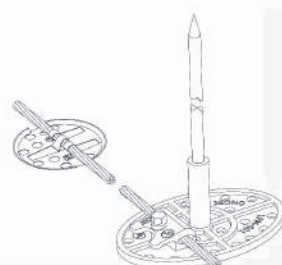Cables Through AWG #2/0~4/0 (70㎟~100㎟)

LPM-171A

A Set Screw Cable
Support For Use On Standing
Seam Roofs With Seams Up To 3/8" Wide.
Comes Complete With Loop
Cable Holder For Cables Through
AWG #2~2/0 (35㎟~70㎟)(LPM-121A) or
AWG #2~4/0 (70㎟~100㎟)(LPM-121SS)

LPM-181A

A Set Screw Cable
Support For Use On Standing
Seam Roofs With Seams Up To 3/4" or 1" Wide.
Comes Complete With Loop
Cable Holder For Cables Through
AWG #2~2/0 (35㎟~70㎟)(LPM-121A) or
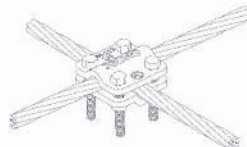AWG #2~4/0 (70㎟~100㎟)(LPM-121SS)

LPM-269

Cables Holder Adhsive Type
Stamped copper, Rolled edge break-away tap.
Acceps all cables through AWG #2~4/0 (35㎟~70㎟)
Installed Adhesive or Bolt

H
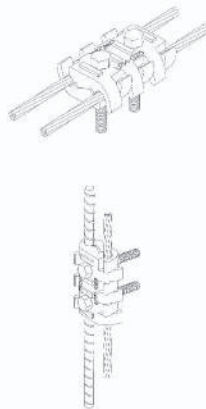
CONDUCTOR SPLICERS (전선 접속기구) (UL) (CSA)
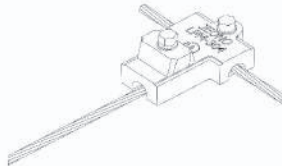
LPM-304

A Heavy Duty Cast Bronze Pressure
Type Tee Splicer
For Splicing Cables Through AWG
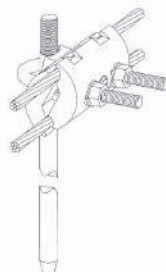#2~4/0(35㎟~100㎟)
Installed Adhesive or Bolt

LPM-119

Cast Copper Alloy Heavy Duty Cross Run Clamp
When Ordering Item available
Cables through AWG #2~2/0 (35㎟~70㎟)

∗ Special Order
   Cables through AWG #4/0 (95㎟~100㎟)

LPM-G28

Cast Copper Alloy 2" all Purpose Clamp
Used for connecting two cables or rod
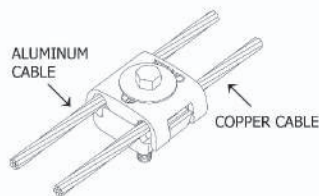Cables through AWG #2~2/0 (35㎟~70㎟)

LPM-28U

Cast Copper Alloy 2" all Purpose Silicon Bronze
U Bolt Clamp Used in conjunction with ground rod
clamps for connecting to counterpoise
ground systems
Cables through AWG #2~2/0 (35㎟~70㎟)
Ground rod up to 5/8" Diameter
When Ordering Item available Ground Rod up to
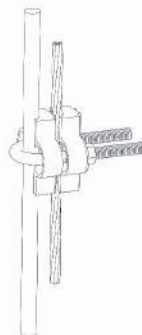3/4" Diameter.

CONDUCTOR SPLICERS (전선 접속기구)
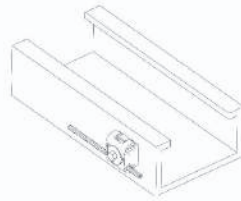
LPM-8C

Cast Copper Alloy Bolt Through Clamp for Attaching Either One or Two Cables to Flat Metal Surfaces. Cables through AWG #2~2/0 (35㎟~70㎟)

ALUMINUM CABLE

COPPER CABLE

LPM-8A

Cast Aluminium Bolt Through Clamp for Attaching Either One or Two Cables to Flat Metal Surfaces. Cables through AWG #2~2/0 (35㎟~70㎟)
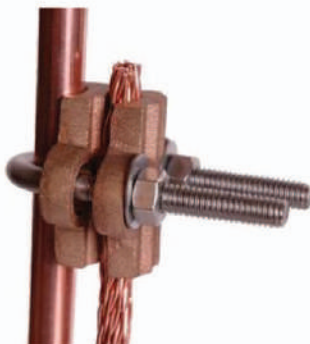
LPM-430B

430B-A U-Bolt Parallel Clamp Of Cast Bronze Used For a Parallel Connection From Either One Or Two Cables Or Rods Through 5/8" Diameter To Another Cable Or Rod. U-Bolt, Nuts, And Washers Are Stainless Steel

* Special Order
  Cables or Rods Through 3/4"

LPM-419B

A Heavy Duty Straight Splicer With 4 Set Screws For Cables Through AWG #2~2/0 (35㎟~70㎟)

LINE TAP CONNECTORS (라인 탭 컨넥터)

- Material : High Conductivity Cast Copper
- Surface : Copper Finish
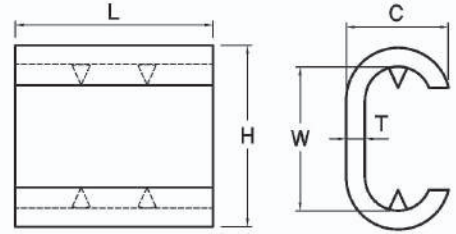- Suitable For Rope Ray Type Copper Conductor
  Class 1 & 2 (See Page H4)

Part Number	COPPER CONDUCTOR SIZE				DIMENSION (mm)				
	AWG		mm²						
	RUN	TAP	RUN	TAP	H	L	C	W	T
SGW-22LT	4	4	25	25	32	40	22	24	4
SGW-44LT	2	2	35	35	34	40	22	26	4
SGW-62LT	1/0	1/0	60	60	40	40	27	30	5
SGW-64LT	2/0	1/0	70	60	41	40	27	32	5
SGW-66LT	2/0	2/0	70	70	41	40	27	32	5
SGW-1002LT	3/0	3/0	95	95	48	55	35	33	8
SGW-1006LT	4/0	3/0	100	95	54	55	35	38	8
SGW-1010LT	4/0	4/0	100	100	54	55	35	38	8

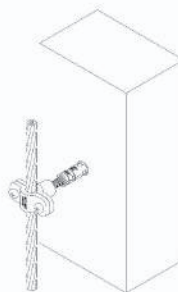# ANCHOR TYPE FASTENERS & BRONZE POINT HOLDERS (앙카 및 지지대)

LPM-294

Expansion Anchor for 1/4" screws
1-1/4" long, drill size 1/2"

LPM-294A

Expansion Anchor for 5/6" screws
1-1/2" long, drill size 9/16"

LPM-561

Expansion Anchor for 3/8" screws
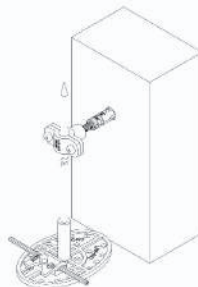2" long, drill size 3/4"

LPM-295

Lead Anchor for 1/4" screws
3/4" long, drill size 1/2"

LPM-295A

Lead Anchor for 5/16" screws
1" long, drill size 5/8"

LPM-562

Lead Anchor for 3/8" bolt
1-1/4" long, drill size 3/4"

LPM-552

Bronze two screw cable fastener
available with 3/8" anchor (LPM-561)
When ordening Item available
Cables through AWG #2 (35㎟)
Cables through AWG #2/0 (70㎟)

LPM-574

Bronze point holder Two Screw Cable Fastner
available with 3/8" anchor(LPM-561)
Cable through AWG #4/0 (100㎟)

ANCHOR BOLTS (앙카 볼트)

Part Number	Size	Length
LPM-B294	1/4"	1-1/2"
LPM-B561	3/8"	2"

BOLTS, NUTS, SCREWS (볼트, 너트, 스크류)

Stainless Round Head Machine Screw

Part Number	Description
LPM-130L (JHSB-25X50)	1/4" x 1/2" Length. Approximate pieces per pound: 93
LPM-131L (JHSB-25X75)	1/4" x 3/4" Length. Approximate pieces per pound: 80
LPM-132L (JHSB-25X100)	1/4" x 1" Length. Approximate pieces per pound: 61
LPM-133L (JHSB-25X150)	1/4" x 1 1/2" Length. Approximate pieces per pound: 51
LPM-134L (JHSB-25X200)	1/4" x 2" Length. Approximate pieces per pound

Stainless Steel Washers

Part Number	Description
LPM-249L (JFWSS-25)	1/4" I.D. x 3/4" O.D. Approximate pieces per pound: 263
LPM-249AL (JFWSS-31)	5/16" I.D. x 7/8" O.D. Approximate pieces per pound: 219
LPM-249BL (JFWSS-38)	3/8" I.D x 7/8" O.D. Approximate pieces per pound: 164
LPM-249CL (JFWSS-50)	1/2" I.D. x 1 1/4" O.D. Approximate pieces per pound: 60

Sheet Metal or Wood Screws With Rowd Head

Part Number	Description
LPM-224	1" x No. 12 Screw. Approximate pieces per pound: 104
LPM-225	1 1/2" x No. 12 Screw. Approximate pieces per pound: 76

Sheet Metal Screws

| Part Number	Description
LPM-125A	Stainless Steel Screw, binder head, 3/4" long with phillips head. Approximate pieces per pound: 174

Copper U Bolt Clamp

Part Number	Description
LPM-182	3/8" Dia Complete Silicon Bronze two hex nuts and lockwashers

BARE COPPER TAPE (동 테이프)

JEONO® bare copper tape is annealed for ease of use with radisues edges. These high conductivity bare copper tapes are used on both lightning protection and earthing applications.
- Material : Copper to BS EN 13601
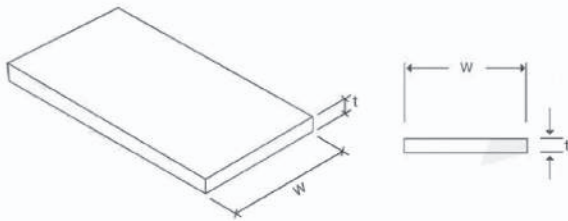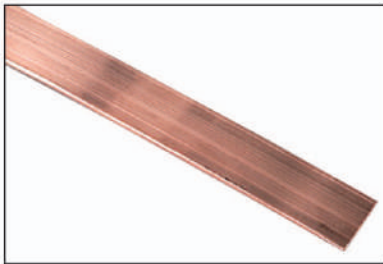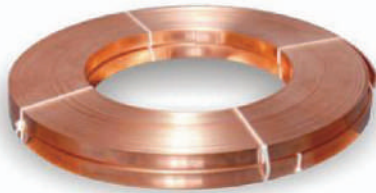
| Part Number	Tape Size (mm) W × t	Cross Section Area (㎟)
JBCT-01	12.5 × 1.5	18.75
JBCT-02	12.5 × 3.0	37.5
JBCT-03	20 × 1.5	30
JBCT-04	20 × 3.0	60
JBCT-05	25 × 1.5	37.5
JBCT-06	25 × 3.0	75
JBCT-07	25 × 4.0	100
JBCT-08	25 × 6.0	150
JBCT-09	30 × 3.0	90
JBCT-10	30 × 6.0	150
JBCT-11	38 × 3.0	114
JBCT-12	38 × 5.0	190
JBCT-13	38 × 6.0	228
JBCT-14	40 × 4.0	160
JBCT-15	40 × 6.0	240
JBCT-16	50 × 3.0	150
JBCT-17	50 × 4.0	200
JBCT-18	50 × 6.0	300

MULTI SUPPORT M-3 (다목적 지지구)

- Material : ABS
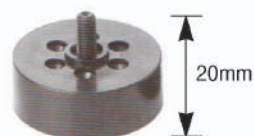- Available attached by Adhesive LPM-172X or installed with bolt

H

<Type - copper Tape>
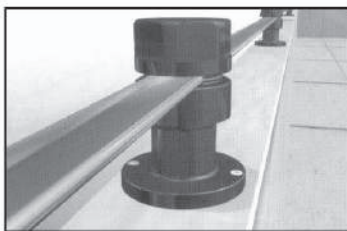
Part Number	Available Conductor	Range
MS-660	Copper Tape	25mm-3T~6T

Type - A   80mm

Type - B   95mm

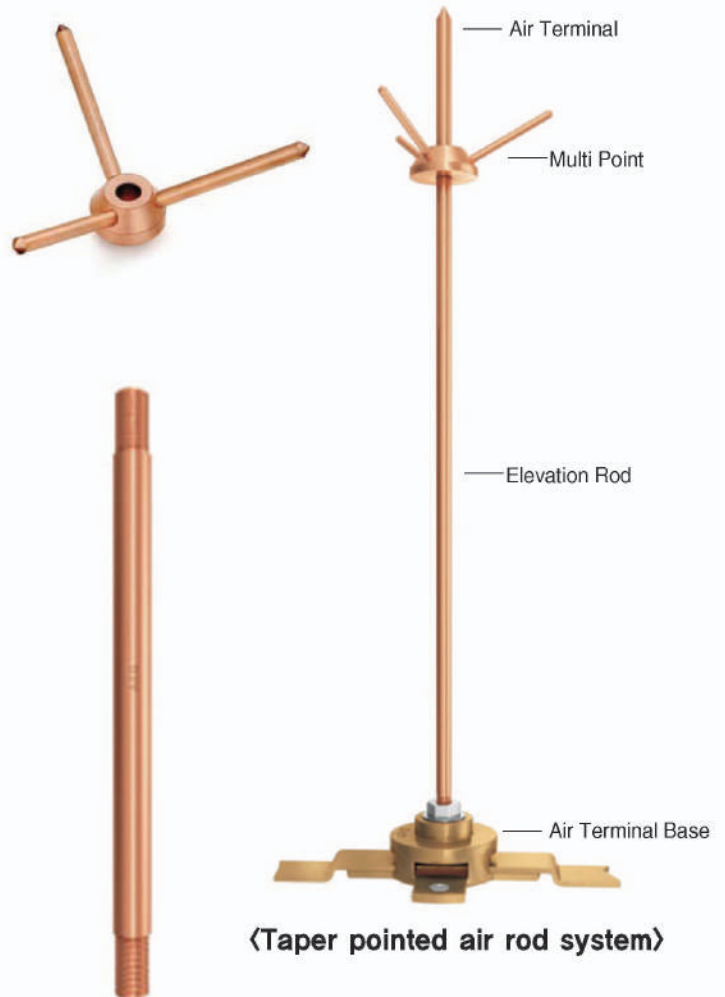<Bolt covered base>   20mm

<Rubber pad>
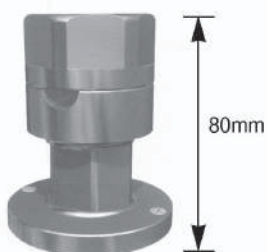
MULTIPLE POINTS (멀티플 피뢰침)

Multiple points are made form high conductivity copper and available on different designs. Multiple points are used with Elevation rod.

Part Number	Thread Dia.	
	in.	mm
JETB-4H	5/8	16
JETB-8H	3/4	19

ELEVATION ROD (연장용 피뢰봉)

Elevation rods are made from high conductivity copper. Rod can be installed with or without multiple points.

Part Number	Thread Dia.		Length (mm)
	in.	mm	
JER-1605			500
JER-1610	5/8	16	1000
JER-1620			2000
JER-1905			500
JER-1910	3/4	19	1000
JER-1920			2000

Air Terminal · Multi Point · Elevation Rod · Air Terminal Base

〈Taper pointed air rod system〉

ADAPTERLESS AIR TERMINAL (애자형 피뢰침)

Part Number	Size
LPM-13Y	13Ø×165

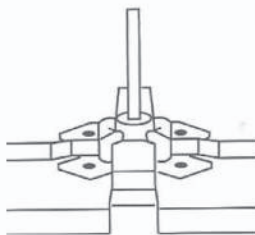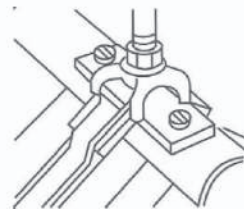| Part Number	Size
LPM-13 I	13Ø×165

FLAT TAPE SYSTEM (부스바용 피뢰설비 시스템)

AIR TERMINAL BASE
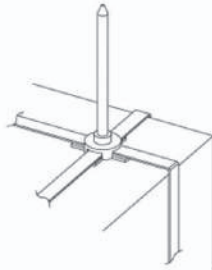
- Cast copper alloy cross run point base
- Installed with bolt

Part Number	Rod Dia. (mm)	Thread Dia. in (mm)	Max. Tape size (mm)
JATB–16	16	5/8" (16)	30×6
JATB–19	19	3/4" (19)	30×6

- Cast copper alloy flat saddle point base
- Installed with bolt

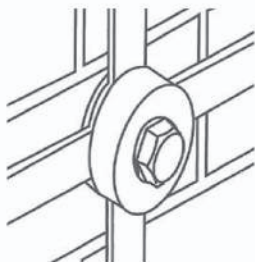| Part Number	Rod Dia. (mm)	Thread Dia. in (mm)	Max. Tape size (mm)
JFS–16	16	5/8" (16)	30×6
JFS–19	19	3/4" (19)	30×6

- Cast copper alloy ridge saddle point base
- Installed with bolt

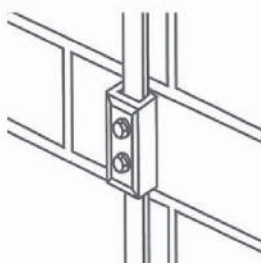| Part Number	Rod Dia. (mm)	Thread Dia. in (mm)	Max. Tape size (mm)
JRS–16	16	5/8" (16)	30×6
JRS–19	19	3/4" (19)	30×6

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TAPE FIXING

SCREW DOWN TEST CLAMP
- Cast copper alloy test clamp
- Provide easy access to copper tapes, conductors for inspection or testing

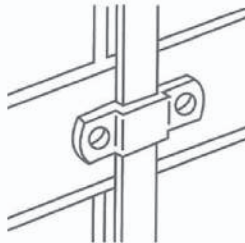| Part Number	Tape size (mm)	Dimensions (mm)	
		D	H
JSTC–253	25×3	61	61

OBLONG TEST CLAMP
- Cast copper alloy straight clamp
- Use for straight through joint of tapes and also use for testing point

Part Number	Max. Tape size (mm)
JBTC–253	25×3
JBTC–283	38×3
JBTC–503	50×3

TAPE FIXING

TAPE CLIP
- Stamped copper clip.
- Installed with bolt

Part Number	Max. Tape size (mm)
JCC-253	25×3
JCC-383	38×3
JCC-503	50×3

DC TAPE CLIP
- Cast copper alloy cable holder
- Installed with bolt
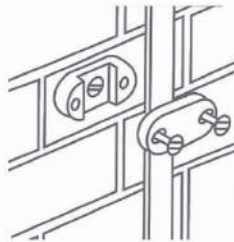
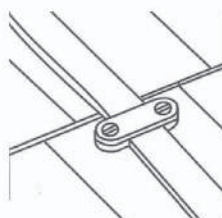| Part Number	Max. Tape size (mm)
JDC-253	25×3
JDC-256	25×6
JDC-383	38×3
JDC-386	38×6
JDC-503	50×3
JDC-506	50×6

SQUARE TAPE CLIP
- Cast copper alloy cross run clamp
- Use for cross over taper or T joint. straight joint
- Installed with bolt
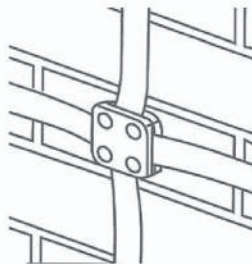
Part Number	Max. Tape size (mm)
JSC-253	25×3
JSC-256	25×6
JSC-383	38×3
JSC-386	38×6
JSC-503	50×3
JSC-506	50×6

SLATE HOLD FAST
- Cast copper alloy slate hold fast
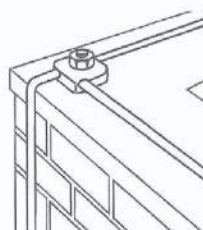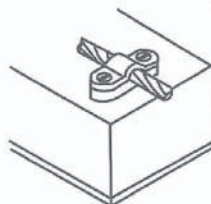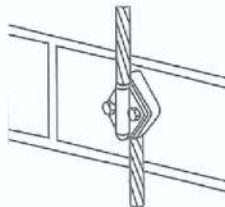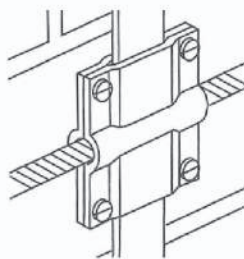- Riveted to the tape tail and the clamp can beused for fixing tapes vertically or horizontally on slated roofs.

Part Number	Max. Tape size (mm)
JSHF-253	25×3
JSHF-256	25×6
JSHF-383	38×3
JSHF-386	38×6
JSHF-503	50×3
JSHF-506	50×6

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CIRCULAR CONDUCTOR SYSTEM (피뢰동봉용 피뢰설비 시스템)

For vertical

For horizontal
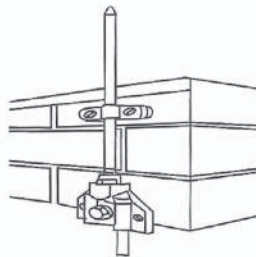
AIR TERMINAL BASE
• Cast copper alloy horizontally or vertically mounting base

Part Number	Rod Dia. (mm)	Thread Dia. (mm)	Conductor Dia. (mm)	Base type
JABV-8	16	5/8"	8	Vertical
JABH-8	16	3/4"	8	Horizontal

CABLE TO TAPE JOINT
• Cast copper alloy cable to tape joint clamp
• Suitable for crossing tapes and cable

Part Number	Max. Tape size (mm)	Conductor Dia. (mm)
JCTS-253	25×3	8

TEST CLAMP
• Cast copper alloy test clamp
• Suitable for end to end joint

Part Number	Conductor size (mm)
JTC-35	35
JTC-50	50
JTC-7095	70 – 95

HEAVY DUTY CONDUCTOR SADDLE
• Cast copper alloy conductor saddle

Part Number	Conductor size (mm)
JHDC-35	25 – 35
JHDC-70	50 – 70
JHDC-120	95 – 120

SQUARE CLAMP
• Cast copper alloy square clamp
• Use for cross or tee joint

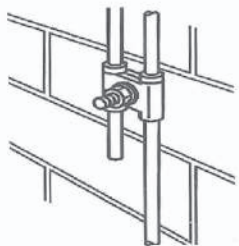| Part Number	Conductor Dia. (mm)
JSCB-8	8

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CIRCULAR CONDUCTOR SYSTEM (피뢰동봉용 피뢰설비 시스템)
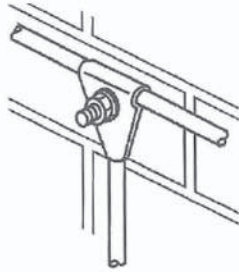
TEE CLAMP
• Cast copper alloy tee clamp

Part Number	Conductor Dia. (mm)
JTEC-8	8

JOINTING CLAMP
• Cast copper alloy parallel joint clamp

Part Number	Conductor Dia. (mm)
JJTC-8	8
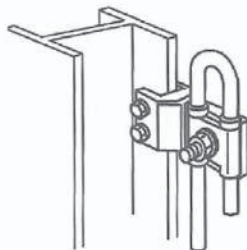
METALWORK BOND
• Cast copper alloy metal bonding clamp
• Used for connecting to all types of metal structure up to 13mm thickness

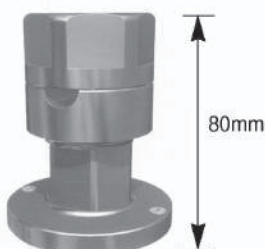| Part Number	Conductor Dia. (mm)
JMWB-8	8

H
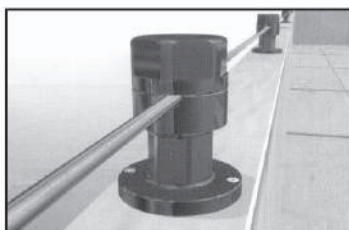
MULTI SUPPORT M-3
• Material : ABS
• Available attached by Adhesive LPM-172X or installed with bolt.
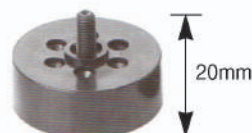• Use for conductor LPM-1R8

Part Number	Available Conductor	Range
MS-660C	Copper wire	35㎟~150㎟
	Copper rod	8Φ~15Φ

<Type - copper wire and rod>

80mm

Type - A

95mm

Type - B

20mm

<Bolt covered base>

<Rubber pad>

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