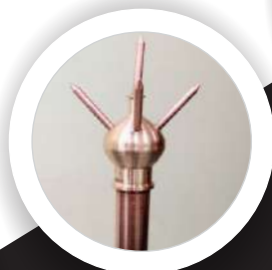




R K Engineering & Solutions

A Vision To A Clear Solutions



About Us

- **R K Engineering & Solutions** is one of the leading Manufacturer, Supplier and Trader of high quality Electrical Engineering products and Fabrication in Ahmedabad, Gujarat, India. We are a pioneer in the industry offering the market greater choice, innovative and ergonomic designs as well as environmentally friendly Products.
- **RKES** started its establishment on 2017 in Ahmedabad Region. From the very beginning, the group has focused on its core principles of customer service, quality, value for money and innovation, and it is these principles that have enabled the group to gain the trust of customers.
- **RKES** has continued to invest in new technology and Engineering products to continue its popular pace with new designs and styles to suit clients needs. In particular, we have invested in post-forming Engineering products, technology to work with standard material. The Company has also continued its growth strategy and has developed additional lines that includes other segments, and Custom-Made Engineering products.



Our Vision

“CLARITY OF VISION IS THE KEY TO ACHIEVING YOUR OBJECTIVES”

➤ Quality Objectives of the RKES:

- Total Customer Satisfaction.
- To Ensure Effective Supply Chain Management.
- To Establish Proper Value Stream Across the Organization.
- To Enhance natural Resource Utilization by Implementing Result Oriented programme.
- To Evolve as Responsible Corporate Sector.



➤ At RKES monitoring, measurement, analysis and improvement in processes are carried out in order to:

- Demonstrate conformity of the product.
- Ensure conformity of the quality management system.
- Continually improve the effectiveness of the quality management system

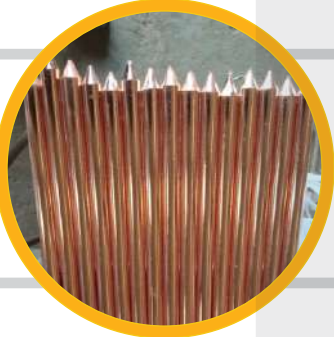


Advance Earthing System (Copper & GI)

- Copper bonded earth rods made from high tensile low carbon steel by molecularly bonding 99.9% pur copper with a minimum coating thickness of as per requirement. System is corrosion resistant & rated for high fault currents.



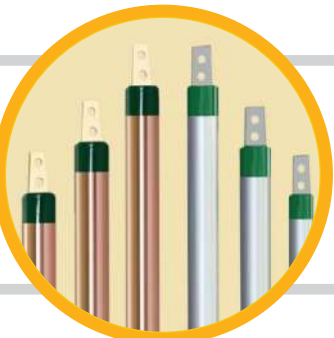
- Length – 1 to 3 meter (excluding lead terminal)
- Wall thickness – min 2mm
- Strip – min 32 x 6 mm
(lead terminal to be 100mm extended at the top)
- Copper used shall be EC grade electronic copper earthing up to 99.9% purity
- Hot dip 80-100 micron
- Copper coated – min. 50 to 250+ micron



Copper Bonded Earthing Rod



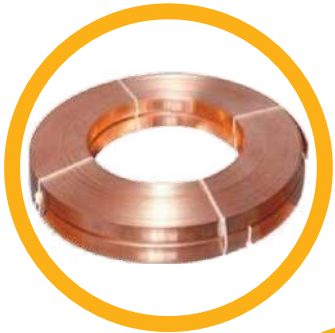
Backfill Compound



Pipe in Pipe / Strip Technology

Copper / GI Earthing Strip and Wire

- Copper are manufactured from high conductivity ensuring 99.9% purity as per requirement of the customer. GI Plate with thickness of Zinc Coating measured using Elko meter and is between 80 – 110 micron or as per customer requirement



Copper Strip Size MM				
19 x 3	32 x 6	62 x 6	75 x 12	125 x 10
75 x 16	125 x 12	19 x 5	38 x 3	62 x 10
25 x 3	38 x 6	62 x 12	100 x 6	150 x 6
25 x 5	50 x 3	62 x 16	100 x 12	150 x 10
25 x 6	50 x 5	75 x 6	100 x 16	150 x 12
32 x 3	50 x 6	75 x 10	125 x 6	150 x 16

GI Strip Size in MM				
25 X 3	32 X 6	50 X 12	75 X 6	100 X 6
25 X 6	40 X 6	65 X 6	75 X 10	100 X 10
32 X 3	50 X 6	65 X 12	75 X 12	100 X 12

- Supply of the finest quality G.I. Wires in the national as well as international markets. We manufacture G.I. Wires from the superior quality raw materials available in the market making them durable and long lasting in nature. The G.I wires made accessible by us are available in different lengths, diameters and specifications as per the requirements. Copper Wire high conductivity EC GRADE Copper ensuring 99.9% purity. Solid copper plates provide a long lasting Earthing solution in places where driving earth rods might be impractical.



GI Wire

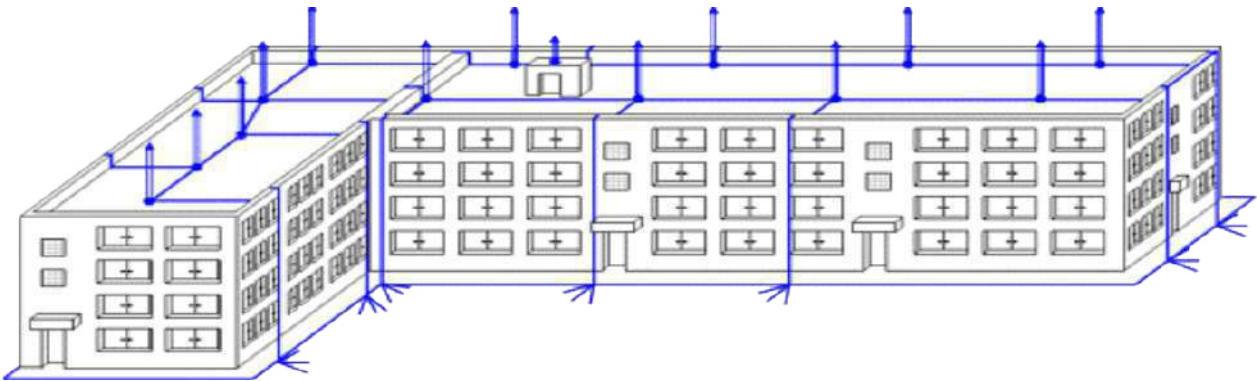
Available from 6 SWG
to 30 SWG

Copper Wire

Material with minimum
copper content 99.95%
Size - 8 mm to 0.05 mm
diameter



Conventional Lightning Arrester



Application of Industry

- Solar Plants
- Sugar and paper Industry
- Petrol & Chemical Industry
- Oil and gas industry
- Electrical & electronics industry



T Type Insulator

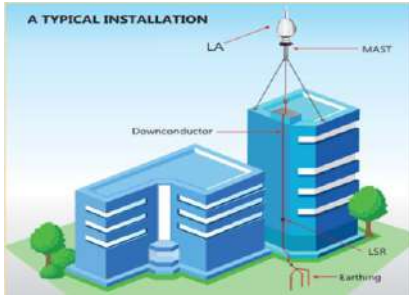
Cap Type Insulator



Round Insulator



ESE Lightning Arrester



Application of Industry

Solar Plants
 Sugar and paper Industry
 Petrol & Chemical Industry
 Oil and gas industry
 electrical & electronics industry



Level 1

	D =	20	M	
DT(MS) h(m)	60	50	40	30
2	31	27	23	17
3	47	41	35	24
4	63	55	46	34
5	79	68	58	48
6	79	69	59	49
10	79	69	59	49
20	80	70	60	50

Level 2

	D=	30	M	
DT(MS) h (m)	60	50	40	30
2	34	30	26	19
3	52	45	39	29
4	68	60	52	39
5	86	76	65	49
6	87	76	66	55
10	88	77	67	57
20	89	79	69	59

Level 3

	D=	45	M	
DT(MS) h (m)	60	50	40	30
2	39	34	30	23
3	58	52	45	34
4	78	86	75	57
5	97	86	75	57
6	97	87	76	64
10	99	88	77	66
20	102	92	81	71

Level 4

	D=	60	M	
DT(MS) h (m)	60	50	40	30
2	43	38	33	33
3	64	57	50	39
4	85	76	67	52
5	107	95	84	65
6	107	96	84	72
10	109	98	87	75
20	113	102	92	81



As Per Customers Requirement



CI Manhole Cover

300 x 300
450 x 450
600 x 600

FRP / PVC - Cover

12" x 12"	21" x 18"
18" x 18"	24" x 24"
21" x 21"	15" x 15"



RCC Earthing Pitt

12" x 12" x 08"
12" x 12" x 10"
15" x 15" x 08"

CI Earthing Cover

300 x 300
450 x 450
600 x 600



DIA	TOP DIA	BOTTEM DIA	HEIGHT	FRP / PVC CHAMBER
RKES 1	205	245	270	
RKES 2	245	325	280	
RKES 3	255	350	260	
RKES 4	300	300	260	

Cable Tray System

- Our organization is the leading manufacturer of perforated and ladder type trays, India electrical syndicate with premium grade mild steel, GI aluminum and stainless steel according to the defined industrial standards. Cabletrays are in high demand by power plants, electricity board, engineering and many other industries. Our cable trays are known for their various features.

Perforated Type Cable Trays

FEATURES

- Corrosion resistance
- Durability
- Reliable performance
- Light duty perforated cable tray (18SWG)
- Medium duty perforated cable tray (16SWG)
- Heavy duty perforated cable tray (14SWG)

SIZE

- Width 50 mm to 1000 mm
- Height 15 mm to 200 mm
- Thick 1.2 mm to 3 mm

FINISHING AVAILABLE

- Hot-dip G.I, electro plating G.I, powder coated, painted



Ladder Type Cable Trays

FEATURES

- Low maintenance
- Longer service life
- Scintillating designs
- Durable
- Medium duty ladder cable tray (16SWG)
- Heavy duty ladder cable tray (14 to 12 SWG)

SIZE

- Width 150 mm to 1000 mm
- Height 50 mm to 200 mm
- Thick 1.5 mm to 3 mm

FINISHING AVAILABLE

- Hot-dip G.I, electro plating G.I, powder coated, painted



Walkway System

➤ Rooftop Walkway is a Modular Walkway Solutions that is Principally Designed to Attach to Metal Roofs. It Connects to the Standing Seam or Corrugated Roof Top Using Clamps and Screws. These Sections can Easily be Laid Down to form a Walkway Around Rooftop Solar Panel Installations.

Material Details

Pre Galvanize

Hotdip Galvanize (80-100 micron)

Red Oxide with Aluminum Paint



Solar Mounting Structure

- **RKES** offer a wide range of mounting solutions for all types of solar projects. Our Production, quality control and continual development guarantees excellence of our entire product range. Consequently, we have cemented our position amidst most reputed Hotdip / Pre-Galvanize Solar Panel Mounting Structure Manufacturer and Supplier in India. Our Panel Mounting Structures are designed to mount any type of solar module to help you harness the maximum potential of Solar Energy.





Our Clients



Samptel Energy Pvt. Ltd.



Contact us



RK Engineering & Solutions

A Vision To A Clear Solutions



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