

“Any thing becomes important
when
it's connected to another.”



Vision and Mission

- Matrix Mission is to Provide High Quality, Cost Effective & Customized Product to our Customers through the combination of Technology & effective engineering .



- Matrix Green Corporation is believe in Zero Defect Zero Affect.



CABLE TRAYS/ LADDERS



Perforated Cable Trays (Ladder Type) are available in various sizes as required by customers for various load-bearing capacities.

These are available in Painted, Powder Coated or Galvanized form as required by the customer.



Perforated Cable Tray (Ladder Type) shown here (in upturned position for better view) along with horizontal wall mounting brackets.

We supply complete installation material along with the cable trays.



Aluminium Double 'C' Profile Cable Trays (Ladder Type) are made to meet special need of customers for internal use in the shelters as per their specifications and requirements.

The side channels of the Al ladder are made out of Aluminium Double C Profile and the rungs are made out of MS Flat (Zn electroplated). The rungs are tightened to the side channels with the help of Square Nuts and Hex Bolts. The accessories include: Side Wall Bracket, Triangle for Right Angle Joints, U Clamp for Wall Hanging, Square Nuts and End Caps.

ACCESSORIES (Powder Coated) for INDOOR CABLE TRAYS (LADDER TYPE)



Wall Console



Coupler



L Bend



Wall Console



Coupler



L Bend



Wall Console



Coupler



L Bend

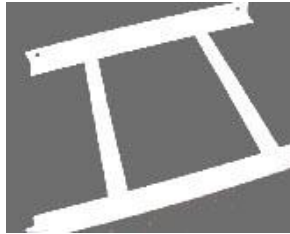


The accessories on the left are specifically designed for Aluminum Double 'C' Profile Cable Tray.

In the picture on the left, also shown on the top extreme left is a section of the profile used for making the cable tray.

OUTDOOR CABLE TRAYS/ LADDERS

Outdoor Cable Trays (Ladder Type) can be made out of MS Angles or Square Pipes – duly galvanized (rust free) for heavier loads and external use.



On the left is shown an **Outdoor Cable Tray (Ladder Type)** made out of MS Angle and MS Flats. The size can vary as per load specifications and specific customer requirements.



This is an **Outdoor Cable Tray (Ladder Type)** made out of MS Pipe. We manufacture these cables trays in different sizes as required by the customer.

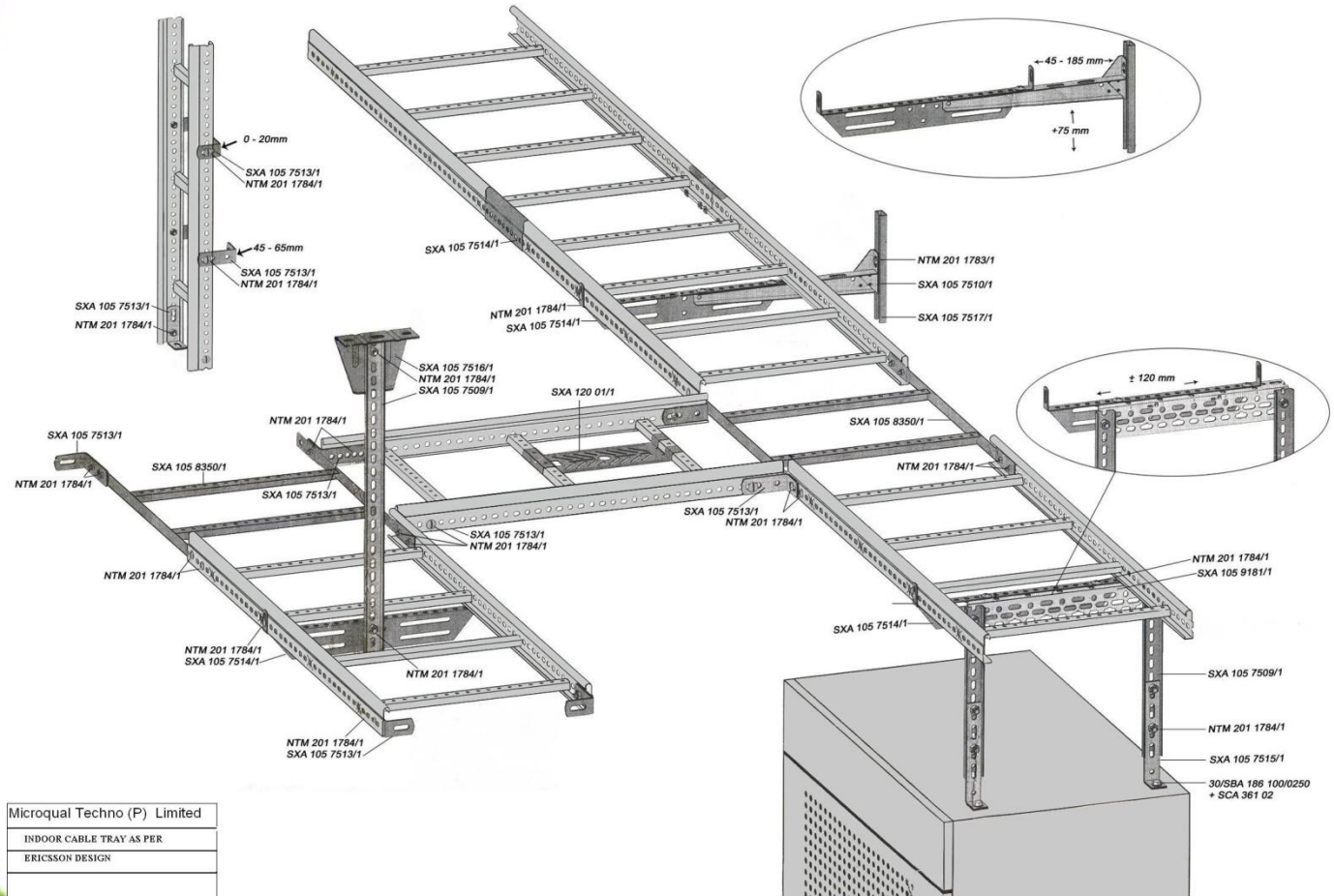


On the left is shown a **Pendulum** made out of MS Pipe with a base plate of size 200x200x6mm.

ACCESSORIES (Powder Coated) for OUTDOOR CABLE TRAYS
(LADDER TYPE)



AN AERIAL VIEW OF OUTDOOR INSTALLATION MATERIALS



PVC FEEDER CLAMPS/ HANGERS



Feeder Clamps offered by us are designed for the installation of cables from size of 1/4" up to 1-5/8" in severe mechanical and environmental conditions.

The PVC Clamps are made of 100% ABS Plastic.

These clamps must generally support the cable every meter to the tower, in order to avoid any risk of slipper-age or longitudinal deformation due to its own weight, to the wind velocity, gusts and induced turbulences and finally to vibrations of the tower. In addition, in some area radial ice accumulation will increase the overall loading. In such case, a reduction in the hanger spacing is necessary.



The material is designed to withstand the atrocities of weather like rain, UV exposure, heat etc. The materials set the standard for durability, simplicity of installation and are cost effective. It requires only two wrenches for installation. Click-On Hangers can be attached to any type of surfaces with a help of hardware kit provided with the hangers.



Click – On Hangers are specifically designed to support the coaxial cables in a better way, making it much safer and aesthetically more appealing than any other system of cabling. They are stackable, quick installable and provide perfect fit to give your cable system a professional appearance, especially in a confined space.

The hangers are made of special high strength material that provides adequate grip to the cables. The hangers are commonly used on crowded towers. Once in place, cables are tighten in the calibrated shells with no risk of crushing the cable.

The **Hangers** are commonly used on crowded towers. Once in place, cables are tighten in the calibrated shells with no risk of crushing the cable.

These stainless steel hangers can be rapidly fixed by clicking on to the flat tower members of 2 to 6 mm thickness. For round tower members, the hangers are simply attached with a stainless steel adaptor clamp.

The advised 1.00 meter hanger spacings have been calculated for wind velocity of 160 Km/h and 10 mm of radial ice. Should one of these variable being Changed, then the spacing between hangers must be brought back to 0.60 meters.

The stackable hangers can accommodate multiple runs in the same space as the standard snap-in. These hangers can be stacked up to three at a time when using ½" and 7/8" cable and up to two when using 1-1/4" and 1-5/8" cable.

GROUNDING BARS & GROUND BAR ASSEMBLIES

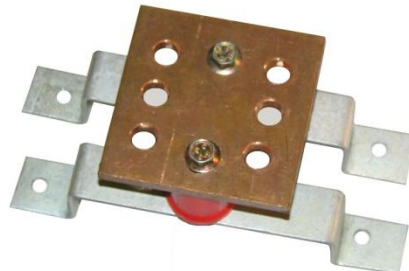
Below are shown pre-punched solid copper bar assemblies.



On the left is shown a **Grounding Bus Bar** made out of 19mm X 19mm Copper Pipe having 13 holes fitted with Brass Screws.



External Grounding Bar (EGB) - Shown on the left is a grounding bar of size 300mm x 100mm x 6mm with 26 holes of dia 10mm each. Can be customized to suit varied needs.



Internal Grounding Bar (IGB) - Shown on the left is a grounding bar of size 75mm x 75mm x 6mm with 8 holes of dia 10mm each.

Can be customized to suit varied needs.

WEATHER PROOFING KIT



The **Weather Proofing Kit** is recommended to be used in order to protect connectors and jumpers to antenna interfaces from moisture or water ingress, and to avoid loosening of connectors at jumper interfaces caused by vibrations.

It includes a 3.50 meters long self vulcanizing rubber tape which must be wrapped around the connections, then recovered with a PVC tape to resist ultra-violet rays.



Includes **Butyl Rubber Tape and Plastic Tape** to provide additional moisture protection on exposed and buried connectors and splices. It also prevents loosening of connectors at jumper cable interfaces caused by vibration.



Self-Amalgamating Tape: Butyl rubber, non-adhesive, self-amalgamating highly elastic, non-hardening, waterproof, U.V. resistant. Sizes available in 1.5" to 3" width & 1 to 3 meters length or as per requirement.

PVC Insulation Tape: Provides additional moisture protection and U.V. resistance. Sizes available in 3/4", 1", 2" & 3" width and 10 yards length (as per requirement).



GROUNDING KITS

We recommend three **Grounding Kits** per feeder run. One kit is required at the top, one at the bottom of the run, (plus one at 50 meters interval wherever applicable) and one at entrance to the equipment shelter.

Grounding kits that have been specially tailored to each cable size can be installed very easily and rapidly; once the jacket is stripped at the required dimension, one kit can be installed in less than three minutes. Kits are provided all hardware necessary to connect the ground wire to the tower ground bar.

A well designed system uses **grounding kits** to provide a bond between the cable and the tower/ earth ground system. One grounding kit is recommended at tower top, tower bottom, at 200 ft (60 m) intervals (where applicable), and at the entrance to the equipment shelter. The non-braided solid copper construction of all **grounding kits** eliminates corrosion caused by moisture retention and "wicking". A heat shrink tube protects the cable terminal connection.



GK for 1-5/8" cable



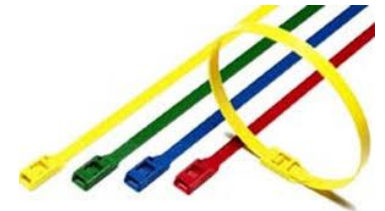
GK for 7/8" cable



GK for 1/2" cable

Cable Ties

Standard **cable ties** are commonly fabricated from nylon and are used to harness and bundle items, usually wires. Functioning like straps, **cable ties** are available in miniature sizes for holding small loads, and are also fabricated in long lengths and strong tensile strengths for large items or bundles.



Lugs

Lugs are devices used for connecting cables to electrical appliances, other cables, surfaces, or mechanisms.

The words "cable" and "wire" are sometimes mistakenly interchanged. Cables are made from multiple wire strands, while wires consist of a single strand. Both cables and wires may be used with cable lugs of a suitable type.

One end of a cable lug is typically used for connecting a cable, which could be soldered, welded, or crimped depending on the type. The connection end of the lug is then fastened to a matching terminal or connection point by means of a bolt, screw, or spring clip. Numerous sizes, configurations, and material types typically are available to suit particular applications, but metal is the predominate material used. A cable lug is sometimes called a "cable connector"



Bolts, Nuts, Washers & Screws



RF Components



2 Way, 3 Way, 4 Way
Power Splitters
and Combiner



Diplexer, Triplexer



Signal Boosters



Surge Arrestor



Din Connectors



SMA connectors



N Connectors



UHF Connectors



TNC
connectors



BNC
connectors



SMC
Connectors



F Connectors



RF Adapters



RF Terminators



RPSMA connectors

IBS Antenna



Patch Panel Antenna



Omni Antenna



Yagi Antenna

Power Cables

Cables and wires are major equipment for transmission & distribution of electrical power. They are suitable for use in substations, distribution systems, Industrial installations, house wiring, street lighting. PVC insulated wires and cables are the ultimate medium for distribution of electricity.



**Power Cables (16Sq MM, 25Sq MM, 35Sq MM etc)
Armoured and Unarmoured (Aluminum/Copper)**

AC & DC Distribution Boards



AC/ DC Distribution Boards with Acrylic viewing window for MCB's or Switches. These are provided complete with either as only boxes or completely assembled with MCB's, Neutral Links and Busbars in various sizes as 2 Way, 4 Way, 6 Way upto 16 Way or more for both single phase and three phase supplies.

These are made from best quality steel sheets and various electrical and electronic components.



M.C.B. Distribution Board SPN/TPN 8 REF. 240/415

Volts AC 50 Hz.



19" DCDB-12 Way



Bus Bar Box

Racks



24U Open Rack without door

* We can also provide 36U , 42U, 46U as per customer specs.



24U Open Rack

36U Open Rack



9U Open Rack wall mount

* We can provide as per customer specs.



42U Open Rack

* We can provide as per customer specs.



Solar Installation Structure



Fixed single-post solar structure with one or two rows of panels.



Fixed single-post solar structure with one or two rows of panels.



Fixed solar structure on piles with two or three rows of panels.



Adjustable solar structure on piles

Solar Installation Structure



**Anchored fixed solar
structure on inclined roof**



Ballasted fixed solar structure on flat roof.



Single-post solar tracker



Solar concentration tracker

Solar Installation Structure



Adaptable solar structure on piles with two or three rows of panels



Adaptable solar structure on piles with two or three rows of panels.



Single-axis solar tracker with two rows of panels.



Solar structure for outdoor covered car-parks.

TREFOIL CLAMPS

Trefoil clamps are used for high voltage single core or higher sizes cables where the current rating is high & 3 core cables are not available.

Trefoil Clamps are used for laying single core cables in Trefoil touching formation which helps to maintain magnetic symmetry thereby avoiding electromagnetic heating and loss of current.

Trefoil clamps have been molded from virgin glassfiber filled material.

Advantage of Trefoil Clamps

- High mechanical strength
- Center distance between Trefoil clamps can be increased for lower fault level than 50 KA & hence total requirements of clamps can be reduced thereby reduction in cost.
- Long service life as practically not affected by all chemicals, acids and alkalis.
- Design of clamp & good flexural strength gives good grip on cable & accommodates slight deviation in diameter of cable.

Note •Trefoil Clamps are supplied with bolts, nuts & washers which are generally MS Zinc passivated but galvanized, SS hardware can be supplied against specific requirement.
Aluminum Trefoil clamps can also be supplied if required.



CCTV Camera



Quality Policy



- Quality Assurance at Matrix Green Corporation is committed to ensure that the products supplied by us are consistent, reliable and are of good Quality.
- The organization adheres Quality Management System (ISO 9001:2008).
- The over all product quality is maintained with Incoming, In-process and final quality checks at different stages.



Quality Policy

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matrix green
corporation

ISO 9001

Certificate of Registration

MATRIX GREEN CORPORATION

A REGISTERED OFFICE : - KHASRA NO.- 174, FIRST FLOOR, GALI NO.- 6, WAZIRABAD
EXTENSION, VILLAGE WAZIRABAD, DELHI- 110084

QA CERTIFICATION SERVICES PVT. LTD.

*Certify that the management system of the above organisation has been audited and found to be in accordance
with the requirements of standard detailed below.*

ISO 9001:2008

MANUFACTURER & TRADER OF STATIONERY ARTICLES, TELECOM EQUIPMENTS,
ELECTRIC & ELECTRONICS WIRES, SHEET METAL FABRICATION PRODUCT, SOLAR
PRODUCT, PLASTIC MOLDED PRODUCTS ETC.

Certificate No:- 14.09.024

*This certification was conducted in accordance with the QA Certification Services Pvt. Ltd. auditing and
Certification procedures and it is remain valid subject to annual surveillance audits.*

Certificate Issue Date : 24th November 2014

Certificate Expiry Date : 23rd November 2017

Date of Initial Registration: 24th November 2014

Certificate Expiry Date:- 3 Years

Further clarification regarding the scope of this certificate of ISO 9001:2008 requirements may be obtained by consulting the organization

To Check the certificate validity please

Refer Web:- (www.qacs.in) or call at given numbers.



JAS-ANZ



M5000712ID

Signature

CMD



Signature

Director (CEO)

QA Certification Services Pvt. Ltd.

Email: info@qacertification.asia www.qacertification.asia Tel: + 91-9000674407

Certificate

Customer Policy

- Respond timely to their needs & Complaints on a priority.
- Proactively seek customer views, feedback and future expectations to achieve customer satisfaction.
- Treat customer in a polite and courteous manner.
- Value the requests and their organizational requirements.
- Review our performance and practices against this policy for continual improvement.



If you are satisfied with our services, tell Others. If not, tell us so that we could Improve ourselves.

Our Strength

- Live Help 24 X 7
- On time delivery
- Complete visibility - No Surprises to customers
- Easy to reach, easy to do business - every time



What Differentiates Us? – our core values...

- We know our success depends on your success..
- Continuous improvement help us and you stay ahead of competition
 - From feedback as an internal customer of our own products
 - From feedback from external customers
- We make quality a top priority..
- Build partnerships that stay true over time..
- We know you have a dozen other things to worry about..
- At the end of the day, you just want to know that the project is on track..



Matrix Green Corporation

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We are always ready to help You !



