

PRODUCT DATASHEET

Telecom Tower Accessories & Mounts

Tower accessories · same kettle as the towers



Indo East manufactures and galvanizes telecom tower accessories at its Jangalpur works in Howrah — antenna mounts for microwave and GSM, circular poles, Hamilton poles, foundation and anchor bolts, anti-climbing devices, bird guards, danger, phase and number plates, cable trays and ladders, bracing members, and rooftop pole and mast frames.

Steel to IS 2062, fasteners to IS 1367, hot-dip galvanized to IS 2629 and IS 4759 at 75–85 microns. We have manufactured telecom towers since 1995 and Hamilton poles for the Department of Telecommunications since 1987.

Accessories are usually treated as an afterthought on a tower order — bought separately and cheaply, and usually the items that arrive late at a different coating, after the erection crew is already on site. Fabricated here, they go into the same kettle as the towers they bolt to.

CERTIFIED · REGISTERED

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

IEC 0211004090

EEPCC RCMC

RDSO APPROVED

WHAT WE SUPPLY, AND WHERE IT COMES FROM

Named item by item, because an accessories enquiry is priced line by line.

ITEM	WHAT IT IS	ORIGIN
Antenna mounts — microwave and GSM	Dish and sector mounts, made to the operator's drawing rather than to a catalogue number	Made at Howrah
Circular poles	Tubular poles for lighting, small antenna loads and distribution	Made at Howrah
Hamilton poles	Fabricated built-up section poles for line work	Made at Howrah
Foundation and anchor bolts	The tower-to-foundation interface, in the grade the design calls for	Made at Howrah
Anti-climbing devices	Barrier sections fitted at the base of a tower leg	Made at Howrah
Bird guards	Fitted to protect insulators and reduce outages from bird streamers	Made at Howrah
Danger, phase and number plates	Statutory and identification marking on towers and structures	Made at Howrah
Cable trays and ladders	Feeder and cable routing up the structure	Made at Howrah
Tower bracing and cross bracing members	Fabricated to the tower drawing	Made at Howrah
Rooftop pole and mast frames	Ballasted and fixed frames for rooftop installations	Made at Howrah
Step bolts	Climbing steps	<i>Bought in to specification</i>

THE SAME KETTLE

One floor, one kettle, one set of coating readings

Every item in the table on page 1 except step bolts is fabricated at our integrated complex on NH-6 — cutting, fabrication, welding, pre-treatment, hot-dip galvanizing and final inspection. There is no sub-contractor in the chain, and the accessories are dipped in the same kettle as the towers they bolt to. That is why the coating on the mount matches the coating on the leg.

7.0 × 1.2 × 1.6 m

KETTLE, AT 450 °C

18,000 MT

A YEAR, FAB & GALV EACH

22 km

WORKS TO KOLKATA PORT

THE COATING QUESTION, ANSWERED WITH A NUMBER

REQUIREMENT AS WRITTEN	WHAT THAT MEANS	WHAT WE HOLD
610 g/m ²	Zinc mass per square metre — how most Indian purchase specifications state it	≈ 85 μm, held and certified
75–85 μm	The same requirement expressed as coating thickness	Read on a calibrated DFT gauge, per batch
ASTM A123 / A153	The American route — A123 for fabricated steel, A153 for hardware and fasteners	Quoted against the grade and section thickness you name
"Galvanized as per IS"	Not a requirement — it names no coating mass and no test	We ask which figure applies, not the cheapest reading

TYPICAL APPLICATIONS

● 4G and 5G network towers	● Rooftop antenna structures	● Microwave link towers	● BSNL and DoT sites
● Smart city infrastructure	● Broadcasting masts	● In-building and small-cell mounts	

STANDARDS AND COMPLIANCE

Structural steel IS 2062, IS 8500 · **Galvanizing** IS 2629, IS 4759, IS 6745, IS 2633; ASTM A123, ASTM A153, ASTM A385 or EN ISO 1461 where specified · **Fasteners** IS 1367 classes 4.6, 5.6 and 8.8 · **Towers** IS 802 · **Wind loading** IS 875 Part 3 · **Earthing** IS 3043 · **Welding** IS 816, AWS D1.1; inspection IS 822 · **Tolerances** IS 7215. ISO 9001:2015, 14001:2015 and 45001:2018 certified; RDSO approved for railway structures; IEC 0211004090; EEPC India RCMC/EEPCINDIA/07882/2026-2027, valid to 31 March 2027.



THE LIMITS

Three Things We Say Before You Ask

01

Step bolts are bought in. They are a standard fastener and we do not present bought-in items as our own manufacture. Against your bill of materials we mark which line is which before you order.

02

Nothing longer than 7.0 m goes in the kettle in one dip. Longer members are double-dipped — standard practice, but it leaves a visible overlap line, and we raise it before quoting rather than after dipping.

03

Our laboratory is not NABL-accredited. The equipment is real — Bruker Q2 ION spectrometer, universal testing machine, Rockwell tester, calibrated DFT gauges — but where a specification requires NABL type-test reports, that testing is arranged with an accredited laboratory against the order.



Galvanized angles



At the galvanizing kettle



DFT coating-thickness reading

HOW TO ORDER

Send drawings, a bill of materials or a specification through indoeast.com. We review the scope, raise queries and return a formal quotation, typically within 48 business hours. Third-party inspection by SGS, Bureau Veritas, TÜV, DNV or Intertek is supported at stages agreed before production. For export, the form at indoeast.com/export-enquiry.html asks the five things that let us price properly.

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