

Telecom Towers & Antenna Structures

Indo East Corporation has been a trusted supplier of telecom towers and antenna structures to India's leading telecom operators for over two decades. Our towers serve Reliance Jio, Airtel, BSNL, Vodafone, Ericsson, ATC/Altius and TCIL — with thousands of structures installed across India's network infrastructure.

All telecom structures are fabricated from IS 2062 / IS 2502 structural steel, hot-dip galvanized to IS 2629 / ASTM A123, and designed to withstand wind loads as per IS 875 Part 3. Custom designs are available for any terrain or wind zone.

ISO 9001:2015	ISO 14001:2015	ISO 45001:2018	IEC Registered	NSIC
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Technical Specifications

Parameter	Specification
Tower Types	Self-Supporting, Guyed Mast, Rooftop, Monopole
Height Range	18 m – 100 m+ (custom heights available)
Material	IS 2062 Grade A / Grade B structural steel
Galvanizing Standard	IS 2629 / ASTM A123 (75–85 micron coating)
Wind Zone Compliance	IS 875 Part 3 — Wind Zones I to V
Design Support	Structural drawings & analysis available
Certifications	ISO 9001:2015 quality assured

Product Range

Self-Supporting Towers Three- and four-legged lattice towers up to 100 m for mobile base stations.	Guyed Mast Towers Cost-efficient tall masts with guy-wire support for rural / greenfield sites.
Rooftop Structures Lightweight rooftop poles and frames for urban antenna installations.	Monopoles Aesthetically designed tubular monopoles for urban and highway deployments.

Typical Applications

4G / 5G Network Towers	Rooftop Antenna Structures	Microwave Link Towers
BSNL / DoT Towers	Smart City Infrastructure	Broadcasting Masts

Manufactured At Our Jangalpur Plant

Every item on this datasheet is produced in-house at our fully integrated complex at Jangalpur, NH-6, Howrah — from cutting and fabrication through welding, pre-treatment, hot-dip galvanizing and final inspection. No sub-contractor dependency.

Annual capacity	18,000+ MT / year	Fabrication	1,000 MT / month
Galvanizing	1,500 MT / month	Galvanizing kettle	7.0 × 1.2 × 1.6 m
Max single-piece	5 MT (cranes to 20 T)	Distance to Kolkata Port	22 km

Standards & Compliance

Structural steel: **IS 2062 / IS 8500** · Galvanizing: **IS 2629 / ASTM A123** · Wind load: **IS 875 (Part 3)** · Tolerances: **IS 7215** · Welding: **AWS D1.1 / IS 816** · Weld inspection: **IS 822**. Management systems certified to **ISO 9001:2015**, **ISO 14001:2015** and **ISO 45001:2018**. IEC-registered exporter.

How to Order

Send us your drawings, BOQ or specification by email or through the enquiry form on our website. Our engineering team reviews the scope, raises any queries, and returns a formal quotation — typically within 48 business hours. Third-party inspection (BVQI, SGS, Bureau Veritas, DNV, TÜV or customer-nominated) is supported at any stage, and export consignments ship from Kolkata Port, 22 km from our gate.