

High-Strength Communication Pole

These high-strength poles offer a lightweight yet robust solution for supporting communication infrastructure. Constructed from durable materials, they provide exceptional resistance to environmental factors and ensure long-term performance.



ADDITIONAL IMAGES



Product Overview

Advanced Composite Infrastructure Poles

These high-strength composite poles serve as a modern, superior alternative to traditional concrete and steel structures. Engineered using aerospace-derived manufacturing techniques, they offer exceptional durability, corrosion resistance, and electrical insulation properties. Designed for versatility, these poles are ideal for power distribution, telecommunications, and lightning protection infrastructure.

Key Advantages

Performance Benefits

Lightweight, High Strength, Corrosion Resistant, Electrically Insulated, Wave Transparent, Fatigue Resistant

Material & Construction

Material Composition

Component	Material Type
Resin Matrix	Modified Epoxy Resin
Reinforcement	Alkali-free Glass Fiber

Applications

Suitable Applications

- Power distribution lines
- Communication transmission lines
- Communication towers
- Lightning protection rods

Customization

Available Customizations

- Pole Taper
- Structural Strength
- Wall Thickness
- Surface Color