

# 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