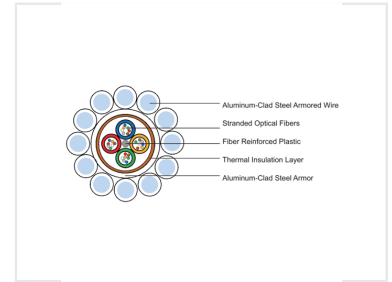
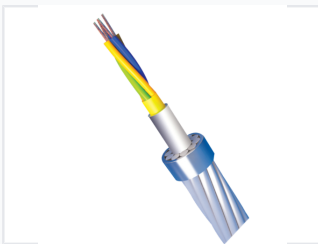


Aluminum Tube Optical Ground Wire

Optical Ground Wire (OPGW) features an aluminum tube construction. This cable integrates optical fibers within a ground wire, providing both grounding and communication functionalities.



ADDITIONAL IMAGES



Product Overview

Aluminum Tube Optical Ground Wire (OPGW)

This Optical Ground Wire (OPGW) utilizes an advanced aluminum tube construction to integrate optical fibers directly within a ground wire, facilitating both grounding and communication functionalities. Designed for overhead transmission lines, the cable features robust protection against environmental factors and mechanical stress. It offers excellent lightning resistance, corrosion resistance, and short-circuit current capacity, ensuring reliable performance in demanding utility infrastructure applications.

Key Features

Performance Characteristics

Corrosion Resistant, Lightning Resistant, Short-circuit Current Resistant

Construction Details

Cable Components

- Aluminum-Clad Steel Armored Wire
- Stranded Optical Fibers
- Fiber Reinforced Plastic Core
- Thermal Insulation Layer
- Aluminum-Clad Steel Armor

Protection Mechanisms

Aluminum Tube Protection • Mechanical Stress Resistance • Environmental Resilience