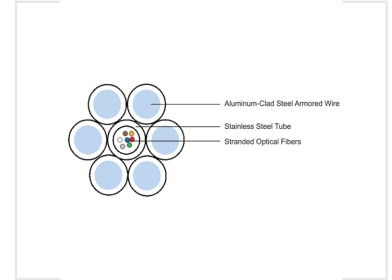
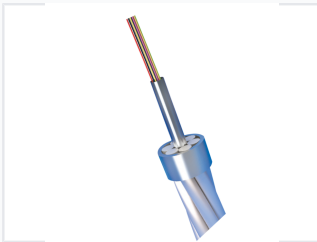


Central Tube Optical Ground Wire

Optical ground wire features a central tube design, integrating optical fibers within a grounding wire. This cable provides both grounding and communication capabilities, suitable for overhead transmission lines.



ADDITIONAL IMAGES



Product Overview

Central Tube Optical Ground Wire

This Central Tube Optical Ground Wire (OPGW) is engineered for overhead transmission lines, serving the dual purpose of reliable grounding and high-speed data communication. Featuring a compact and lightweight structure, the design integrates optical fibers within a central tube to protect them from mechanical stress and harsh environmental factors. It is constructed with aluminum-clad steel or aluminum alloy wires, ensuring excellent tensile properties and long-term durability in power transmission networks.

Technical Features

Key Characteristics

- Compact structure
- Light weight
- Excellent fiber excess length parameter
- Excellent tensile property

Construction Components

Aluminum-Clad Steel Armored Wire, Stainless Steel Tube, Stranded Optical Fibers

Application

Core Functions

Grounding • Data Communication

Primary Application

Overhead power transmission lines