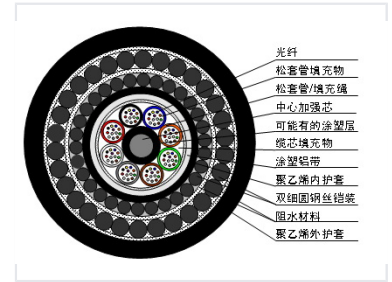


Fiber Optic Communication Cable

This communication cable incorporates optical fibers within loose tubes, surrounded by filling materials and a central strength member. It features double fine round steel wire armor and water-blocking materials for enhanced protection and durability.



Overview

High-Durability Fiber Optic Communication Cable

This fiber optic communication cable is engineered for robust performance in demanding environments. It features a multi-layered construction, utilizing loose tubes with central strength members and comprehensive water-blocking materials. Designed with double fine round steel wire armor and dual polyethylene sheaths, it provides exceptional physical protection and long-term reliability for critical communication infrastructure.

Construction & Materials

Layer Composition

- Optical fibers within loose tubes
- Central strength member
- Core filling materials
- Coated aluminum tape
- Inner polyethylene sheath
- Double fine round steel wire armor
- Outer polyethylene sheath

Protection Features

Water-blocking, Steel Wire Armor, Polyethylene Sheathing, Aluminum Shielding

Technical Specifications

Core Structure

| Component | Material/Type |
|-----------------|------------------------------|
| Strength Member | Central |
| Armor | Double fine round steel wire |
| Sheath | Polyethylene (Inner & Outer) |
| Shielding | Coated aluminum tape |