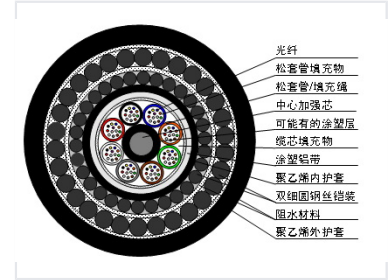


# Fiber Optic Communication Cable

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