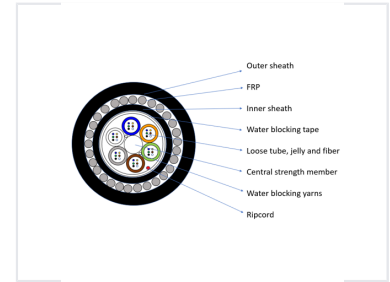
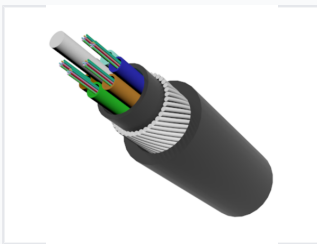


Fiber Reinforced Polymer Armored Cable

This fiber reinforced polymer (FRP) armored cable is designed for robust protection and reliable data transmission. It features multiple color-coded optical fibers within a central tube, surrounded by a layer of FRP for enhanced tensile strength and crush resistance.



ADDITIONAL IMAGES



Product Overview

Fiber Reinforced Polymer (FRP) Armored Cable

This Fiber Reinforced Polymer (FRP) armored cable is engineered for robust protection and reliable high-speed data transmission in demanding environments. Featuring a specialized steel wire armored design, it provides superior resistance against rodent damage, while the all-dielectric structure ensures no electromagnetic interference. With excellent tensile strength and crush resistance, this cable is an ideal solution for secure duct and direct-buried installations.

Technical Features

Key Characteristics

- Unique fiber excess length control
- Excellent mechanical and temperature characteristics
- Environmentally friendly, gelly-free water blocking materials
- Steel wire armored for rodent protection
- All-dielectric structure design
- Excellent tensile and crush properties

Applications

Suitable Applications

Duct Laying, Buried Laying, Telecommunications, Data Centers, Industrial Networking

Construction Details

Cable Components

Component	Function
Outer Sheath	Environmental protection
FRP Armor	Tensile strength and crush resistance
Water Blocking Tape/Yarns	Moisture resistance
Central Strength Member	Structural integrity
Ripcord	Easy sheath removal