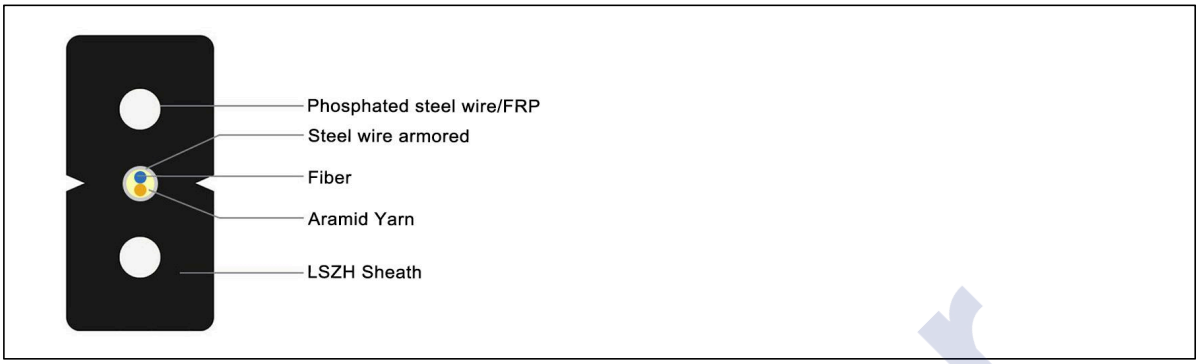
Armored FTTH Drop Cable

Product Structure Diagram



Product Description

Armored FTTH Drop Cable is a new type of optical cable product that combines the flexibility of sheathed optical cables with the protective performance of armored optical cables. It uses high-strength steel wire or aluminum alloy strip as the armor layer, covered with high-quality flame-retardant sheath, and high-precision optical fiber as the transmission medium inside, ensuring stable transmission of high-quality optical signals in harsh environments.

Product features

- High strength steel wire or aluminum alloy strip serves as the armor layer, effectively resisting external pressure and impact, and protecting internal optical fibers from damage.
- The outer layer is covered with a flame-retardant sheath, which has excellent fire resistance performance, ensuring that the optical cable will not become a flame retardant in emergency situations such as fires.
- Having good flexibility and weather resistance, it is easy to lay and install in narrow spaces or complex terrains, and can operate stably for a long time in various harsh environments

Application

FTTH Drop Cable.

Technical Specifications

Product Parameters

Project	Technical indicators
Counts	1-12
Strength Member	FRP/Steel
Dimension	5.0±0.2×2.0±0.1mm
Fiber Type	G.657A
Material	LSZH
Color	Black or other colored as customers' request
Tensile Strength(N)	Long/Short Term:300/600
Crush Resistance(N/100mm)	Long/Short Term:1000/2200
Min. Bend Radius（Static）	10mm
Min. Bend Radius（Dynamic）	25mm
Temperature(℃)	Storage /Operation:-20℃~+70℃