

# Multi Loose Tube Steel Tape Armored Hybrid Fiber Power Cable



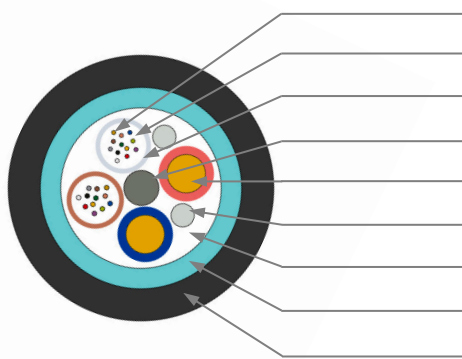
## Description

This hybrid cable is a new type of fiber optic cable, which is used for transmission line in broadband access network system. It integrates optical and copper wire in the same cable, solved the problem of access broadband, remote device power supply and signal transmission.

## Features

- Small diameter and light weight for combine fiber and copper in the same cable
- Save costs for procurement and installation of fiber optic cable and copper cable separately
- Remote power supply for outdoor equipment
- Variety method of transmission, hybrid cable fiber and power
- Suitable for security system, easy to manage and maintain

## Cable Structure



- 1 Optical Fiber
- 2 Tube Filling Compound
- 3 Loose Tube
- 4 Metal Central Strength Member (CSM)
- 5 Cooper Conductor
- 6 Fillers
- 7 Water-blocking Materials
- 8 Steel Tape (PSP)
- 9 PE Sheath

## Technical Characteristics

Fiber Core	Copper Conductor	Tubes	Cable Diameter Ref. (mm)	Cable Weight Ref. (Kg/km)	Tensile Strength Long/Short Term (N)	Crush Long/Short Term (N/100mm)
2~24	2x1.5	4	12.2	190	600/1500	300/1000
2~24	2x2.5	4	12.8	228		
2~24	2x4.0	4	13.8	266		
2~24	2x6.0	4	15.6	300		

**Applications:** Duct, Aerial