

Optical Composite Light Armored Hybrid Fiber Power Cable



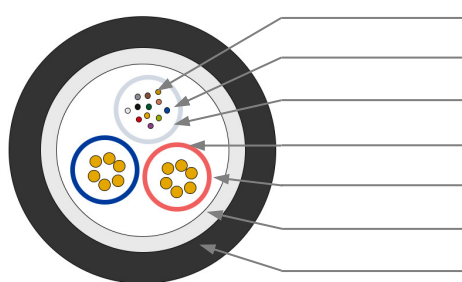
Description

This hybrid fiber cable intergrade the fiber cable and copper conductor together. Composite fiber and power solved the problem of power supply for equipment and data transmission. It provides the possibility of concentrated surveillance and maintenance of power supply and communications.

Features

- Save cable costs and installation costs
- Aluminum tape around the fiber and power unit, good mechanical performance
- This cable enables management of the power supply system
- Reduce maintenance of power supply separately
- Power supply and communications solve at the same time

Cable Structure



- 1 Optical Fiber
- 2 Tube Filling Compound
- 3 Loose Tube
- 4 Copper Conductor
- 5 Water-blocking Materials
- 6 Aluminum Tape (APL)
- 7 PE Sheath

Technical Characteristics

Fiber Core	Copper Conductor	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	11.2	132	600/1500	300/1000
2~24	2x2.5	12.3	164		
2~24	2x4.0	13.4	212		
2~24	2x5.0	14.6	258		
2~24	2x6.0	15.4	287		
2~24	2x8.0	16.5	350		

Applications: Duct, Aerial