

## GDTA

### Hybrid Optical Fiber and Electrical Cable APL Armored for Distributed Base Station

#### Introduction:

Single-mode or multimode fibers are housed in loose tubes that are made of high modulus plastic and filled with tube filling compound, In the center of cable is a metallic strength member, The tubes and copper wires are stranded around the central strength member to form a cable core. The core is filled with cable filling compound and armored with Aluminum tapes. Finally, PE Outer sheath is extruded.

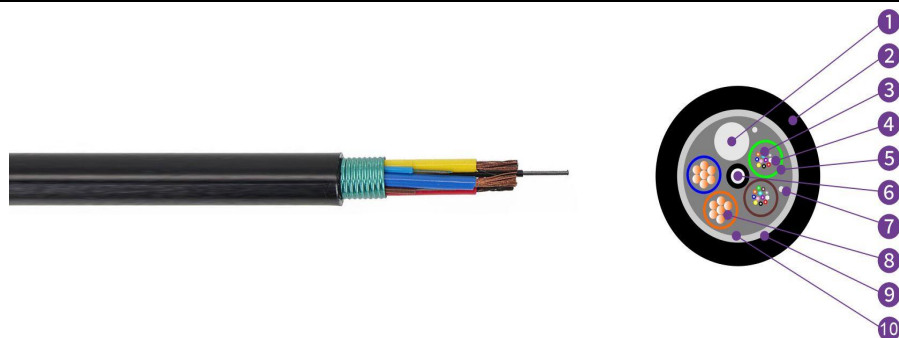
#### Features:

- Accurate process control ensuring good mechanical and temperature performances
- Optical and electrical hybrid design, solving the problem of power supply and signal transmission
- Providing manageability of power and reducing coordination and maintenance of power supply
- Reducing procurement costs and saving construction costs
- Mainly used to connect BBU, RRU in DC remote power supply system for distributed base station
- Applicable to Duct aerial installation

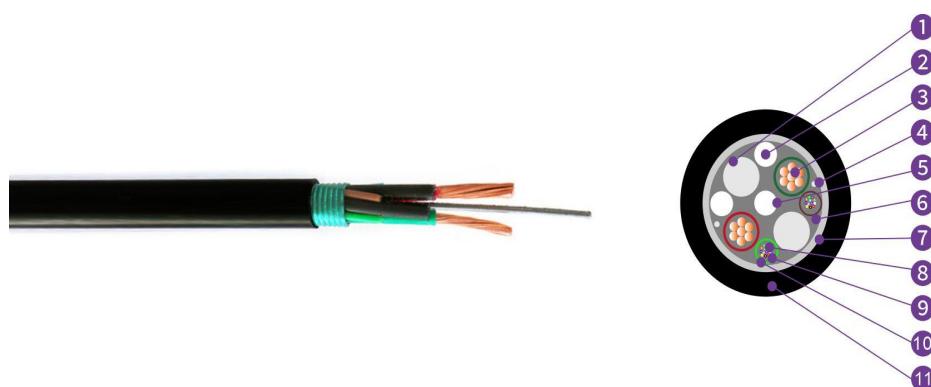
#### Product Series:

1	Hybrid Optical and Electrical Cable Applied in Access Network	GDTC8S	Self-supporting Aerial PSP
		GDTA53	Buired Installation
		GDTA, GDS	Duct or Aerial Installation
2	Hybrid Optical Cable Applied in Wireless RRU	GDFJAH	Hybrid Optical Fiber Electrical APL LSZH
		GDFJAHP	Hybrid Optical Fiber Electrical APL LSZH
		GJYFJH	Sub-unit Aramid yarn LSZH Sheath
		GJYWFJH	TBF Aramid LSZH Sheath
		GJYXFH	Multi-core Aramid Yarns Double Sheath
		GDFJH	Hybrid Optical and Electrical steel hose

## Cross Section:



1,Filler 2,PE Sheath 3,Fibre 4,Tube Filling Compound 5,Loose Tube 6,Strength Member 7,Ripcord  
8,Copper Wire 9,APL 10,Cable Filling Compound



1,Filler 2,Filler 3,Copper Wire 4,Ripcord 5,Strength Member 6,Cable Filling Compound 7,APL 8,Fibre  
9,Tube Filling Compound 10,Loose Tube 11,PE Sheath

## Technical Characteristics:

Type	Diameter mm	Weight (kg/km)	Tension(N) Long/short	Crush Resistance Long/short (N/100mm)	Structure
GDTA-02-24Xn+2×1.5	11.2	132	600/1500	300/1000	Structure I
GDTA-02-24Xn+2×2.5	12.3	164	600/1500	300/1000	Structure I
GDTA-02-24Xn+2×4.0	14.4	212	600/1500	300/1000	Structure II
GDTA-02-24Xn+2×5.0	14.6	258	600/1500	300/1000	Structure II
GDTA-02-24Xn+2×6.0	15.4	287	600/1500	300/1000	Structure II
GDTA-02-24Xn+2×8.0	16.5	350	600/1500	300/1000	Structure II

Note: This specification provides a normative reference. Adjustable outer diameter to suit your budget.Contact us ASAP.

## Environmental Characteristics:

Transport/storage temperature: -40℃~70℃

## Delivery Length:

Standard length:2000m;Other length availabe