

**3** 

# Hybrid Copper Fiber Optic Duct Cable Uni Tube / Multi Tube 12 24 48 Cores

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| <ul> <li>Place of Origin:</li> </ul>   | GUANGZHOU/CHINA                                |            |
|--|--|------------|
| <ul> <li>Brand Name:</li> </ul>        | PUNAISGD/CABLEPULS                             |            |
| <ul> <li>Certification:</li> </ul>     | ISO/CE/ROSH                                    |            |
| <ul> <li>Model Number:</li> </ul>      | GDTS   |            |
| Minimum Order Quantity:                | 2km  |            |
| <ul> <li>Packaging Details:</li> </ul> | Wooden Spool /drum                             |            |
| <ul> <li>Delivery Time:</li> </ul>     | 5-25days                                       |            |
| • Payment Terms:                       | 30%TT as deposit,70%Balance before shipping.   |            |
| <ul> <li>Supply Ability:</li> </ul>    | 100km  |            |
|  |  |            |
|  |  |            |
| Product Specification                  |  |            |
|  |  |            |
| <ul> <li>Warranty Period:</li> </ul>   | 25 Years                                       |            |
| <ul> <li>Jacket Color:</li> </ul>      | Black  |            |
| <ul> <li>Jacket Material:</li> </ul>   | PE/LSZH  | Tub<br>Loo |
| <ul> <li>Fiber Type:</li> </ul>        | G.652D   |            |
| Crush Resistance:                      | Long Term: 300N/100mm, Short Term: 1000N/100mm |            |
| <ul> <li>Tensile Strength:</li> </ul>  | Long Term: 600N, Short Term: 1500N             |            |
| Storage Temperature:                   | -40°C To +70°C                                 |            |
| Outer Jacket Material:                 | HDPE   |            |
| Cable Color:                           | Plaak  |            |

### Product

**Basic Information** 

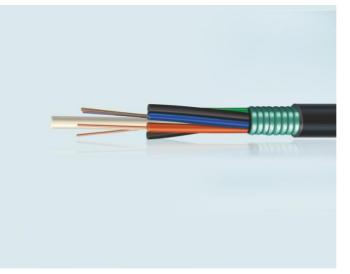
| <ul> <li>Warranty Period:</li> </ul>  | 25 Years                                       |      |   |
|---------------------------------------|--|------|---|
| <ul> <li>Jacket Color:</li> </ul>     | Black  |      | _ |
| <ul> <li>Jacket Material:</li> </ul>  | PE/LSZH  |      |   |
| <ul> <li>Fiber Type:</li> </ul>       | G.652D   |      | 0 |
| Crush Resistance:                     | Long Term: 300N/100mm, Short Term: 1000N/100mm |      |   |
| <ul> <li>Tensile Strength:</li> </ul> | Long Term: 600N, Short Term: 1500N             |      |   |
| Storage Temperature:                  | -40°C To +70°C                                 |      |   |
| Outer Jacket Material:                | HDPE   |      |   |
| Cable Color:                          | Black  | 15   |   |
| Cable Diameter:                       | 12.5 Mm  | GDTS |   |
| <ul> <li>Armored Type:</li> </ul>     | Steel Tape/Aluminum                            |      |   |
| <ul> <li>Application:</li> </ul>      | Outdoor Duct Installation                      |      |   |
| • Fiber Count:                        | 24/48/96/144/288                               |      |   |
| Cooper Wire:                          | 2.5mm <sup>2</sup> /1.5 Mm <sup>2</sup>        |      |   |
|                                       |  |      |   |

## More Images



### **Product Description**

Hybrid Outdoor Copper Fiber Optic Cable Uni-Tube/Multi-Tube 12 Cores 24 Cores 48 Cores Communication Cables



• Photoelectric integration, solve the problem of equipment power and signal transmission, provide centralized monitoring and maintenance of equipment power

Improve power manageability and reduce power supply coordination and maintenance

 ${\mbox{ \ \ }}$  Reduce purchase costs and save construction costs

•The precision control of the fiber length ensures that the fiber has good tensile performance and temperature characteristics •It is mainly used in DC remote power supply system of distributed base stations to connect BBU and RRU •Suitable for direct burial



Outer Jacket

 Peripheral strength members
 Loose Tube
 Optical fibres
 Filling compound
 Filler
 Central Strength member
 Water-swellable yarn
 Copper Conductor
 Core wrapping Core wrapping Ripcord

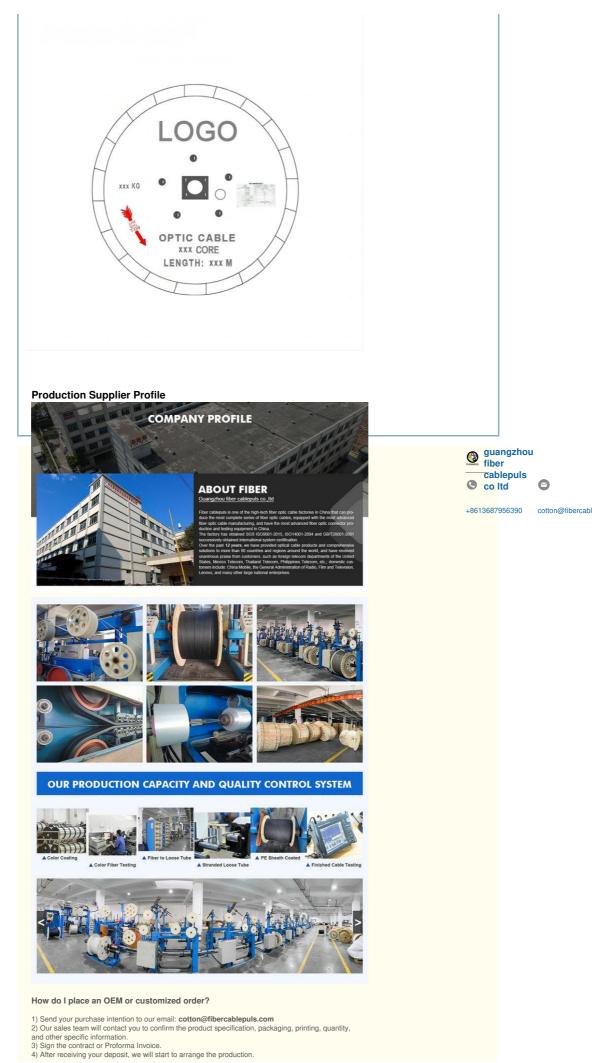
### Product Paramenters

| item                                 |           |                     |                 |                |                                      |                |                   |     |                 |
|--------------------------------------|-----------|---------------------|-----------------|----------------|--------------------------------------|----------------|-------------------|-----|-----------------|
| cooper                               |           | RVV2*2.5M           |                 | /IM RVV-4*2    |                                      | RVV-6*2.5mm    |                   | RVV | /-8*2.5mm       |
| weight 347                           |           | 382                 |                 |                | 502                                  |                | 628               |     |                 |
| fiber<br>count                       | structure | e fibers pe<br>tube | r loose<br>diam | e tube<br>eter | CONDUCTOR<br>CORSS SECTIONAL<br>AREA |                | cable<br>diameter |     | cable<br>weight |
| 2-18                                 | 1         | 2-18                | 1.8±0           | 0.1            | 1                                    | 1              |                   |     | 92              |
| 20-24                                | 1         | 20-24               | 1.9±0           | 0.1            | 1                                    | 1              |                   |     | 106             |
| 2-18                                 | 1         | 2-18                | 1.8±0           | D.1            | 1.5                                  | .5             |                   |     | 119             |
| 20-24                                | 1         | 20-24               | 1.8±0           | 0.1            | 1.5                                  |                | 11.3              |     | 127             |
| Item                                 | Item      |                     |                 |                | Unit                                 |                | Specification     |     |                 |
| Fier Tyoe                            |           |                     |                 |                | G652D                                |                | G652D             |     |                 |
| Mode filed Diameter                  |           |                     | 1310nm          |                | μm                                   |                | 9.2±0.4           |     |                 |
|                                      |           | 1550nm              |                 | μm             |                                      | 10.4±0.8       |                   |     |                 |
| Cladding diameter                    |           |                     |                 | μm             |                                      | 125.0±0.1      |                   |     |                 |
| Cladding non-circularity             |           |                     |                 | %              |                                      | ≤1.0           |                   |     |                 |
| Core/cladding concentricity error    |           |                     |                 | μm             |                                      | ≤0.5           |                   |     |                 |
| Coating diameter                     |           |                     |                 |                | μm                                   |                | 245±7             |     |                 |
| Coating/cladding concentricity error |           |                     |                 | μm             |                                      | ≤12            |                   |     |                 |
| Cable cut-off wavelength             |           |                     |                 |                | μm                                   |                | ≤1260             |     |                 |
| Attenuation Coefficient              |           | 1310nm              |                 | db/km          |                                      | ≤0.36          |                   |     |                 |
|                                      |           | 1550nm              |                 | db/km          |                                      | ≤0.22          |                   |     |                 |
| Proof stress level                   |           |                     |                 |                | kpsi                                 |                | ≥100              |     |                 |
|                                      |           | Note: 0             | Other par       | ameters        | meet stand                           | dard ITU-T G.6 | 52                |     |                 |

Cable Marking&Fibers Colors

COMPANY Fiber cable name N°cores G.652D 2024 XXXXm \*The marking is printed every 1 meter; \*\*\*G.652D" means ITU-T Rec. Low Water Peak (LWP) G.652 single mode optical fiber..

Also can according to client cable marking.



5) 2 weeks before the completion of production, we will notify you to start contacting shipping.

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