

## Ficient Int'l Co., Limited

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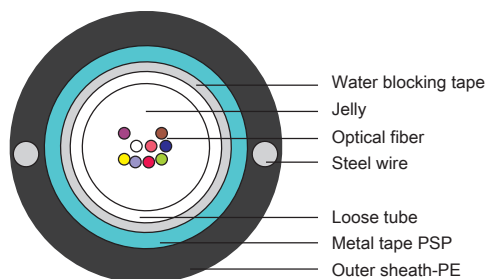
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# GYXTW



**Fiber:** Up to 24, Gel-filled

**Fiber Types:** Single-mode and Multimode

**Cable Constructions:** Central tube

**Strength Member:** Steel Wire

**Sheath Options:** Single PE Sheath

**Armored:** None

**Operating Temperature:** - 40°C - 70°C

**Compliances:** In accordance with IEC, ITU and EIA standards

## Features

- Good performance of tube
- With simple structure easy to install
- Gel-filled Loose tube protect the fiber well
- Good for tensile performance ,
- Application for direct buried

## Applications

Self-supporting drop cable



Max. operating temperature



Min. operating temperature



Installation temperature Min 0°C



In air



In conduit

## Fiber Transmission Performance

| Cabled Optical fiber<br>( dB/km ) | 62.5μm<br>(850nm/1300nm) | 50μm<br>(850nm/1300nm) | G.652<br>(1310nm / 1550nm) | G.655<br>(1550nm / 1625nm) |
|-----------------------------------|--------------------------|------------------------|----------------------------|----------------------------|
| Max attenuation                   | 3.5/1.5                  | 3.5/1.5                | 0.36/0.22                  | 0.22/0.26                  |
| Typical value                     | 3.5/1.5                  | 3.0/1.0                | 0.35/0.21                  | 0.21/0.24                  |

## Technical Specification

| Cable type | Maximum cores | Tensile Strength |           | Crush Resistance |           | Minimum bend radius |        | Cable diameter | Cable weight |
|------------|---------------|------------------|-----------|------------------|-----------|---------------------|--------|----------------|--------------|
|            |               | Short term       | Long term | Short term       | Long term | Dynamic             | Static |                |              |
| GYXTW      | 12            | 1000             | 300       | 1000             | 300       | 20D                 | 10D    | 7.5            | 30           |
| GYXTW      | 24            | 1000             | 300       | 1000             | 300       | 20D                 | 10D    | 8.2            | 36           |

Remark : 1. D is the diameter of the cable ; 2. The above parameters are typical value ; 3. The cable spec can be designed according to customer's requirement.