



# Shenzhen Optico Communication Co, Ltd.

[www.optico.com.cn](http://www.optico.com.cn)

[www.fiberopticom.com](http://www.fiberopticom.com)

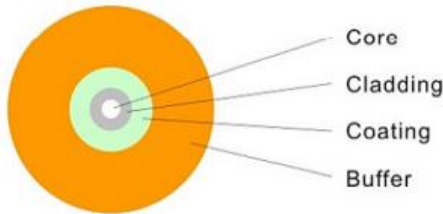


# **Indoor Optical Fiber Cable**

# Optical Fiber

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, cable and devices
- Various buffer options: PVC, LSZH, Hytrel, Nylon



Tight/loose-buffered Fiber



## Geometrical Characteristic

|                                     |  |              |              |
|-------------------------------------|--|--------------|--------------|
| Fiber Diameter( $\mu\text{m}$ )     | 250  | 600          | 900          |
| Cladding Diameter ( $\mu\text{m}$ ) | 125.0 $\pm$ 1.0  |              |              |
| Coating Diameter ( $\mu\text{m}$ )  | 245 $\pm$ 10 for natural color, 250 $\pm$ 15 for colored fiber |              |              |
| Buffer Diameter ( $\mu\text{m}$ )   | /  | 600 $\pm$ 50 | 900 $\pm$ 50 |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Max Load(N)<br>for buffered fiber         | Long term  | 3    |
|   | Short term | 6    |
| Crush<br>(N/100mm)                        | /          | /    |
| Min. Bending radius<br>(D=fiber diameter) | Dynamic    | 20xD |
|   | Static     | 10xD |
| Temperature Range (°C)                    | -20~+60    |      |

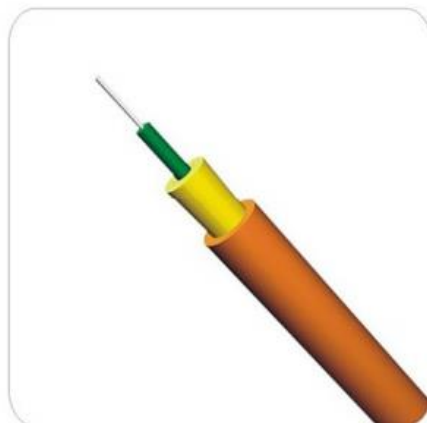
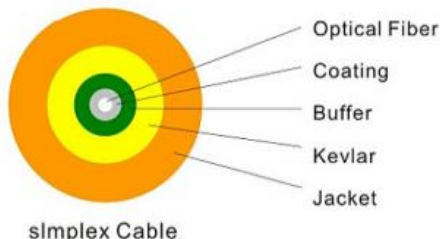
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Simplex Cable

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, and devices
- Various Jacket options: PVC, LSZH, TPU



## Geometrical Characteristic

|                       |                     |     |     |     |     |     |
|-----------------------|---------------------|-----|-----|-----|-----|-----|
| Cable Diameter (mm)   | 1.6                 | 1.8 | 2.0 | 2.4 | 2.8 | 3.0 |
| Tolerance Range (mm)  | ±0.1, or customized |     |     |     |     |     |
| Cable Weight (kgs/km) | 2.5                 | 3.0 | 3.5 | 5.0 | 6.5 | 7.0 |
| Fiber Diameter(mm)    | 0.6 or 0.9          |     |     |     |     |     |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Tensile<br>(N)                            | Long term  | 60   |
|   | Short term | 100  |
| Crush<br>(N/100mm)                        | Long term  | 100  |
|   | Short term | 500  |
| Min. Bending radius<br>(D=Cable diameter) | Dynamic    | 20xD |
|   | Static     | 10xD |
| Temperature Range (°C)                    | -20~+60    |      |

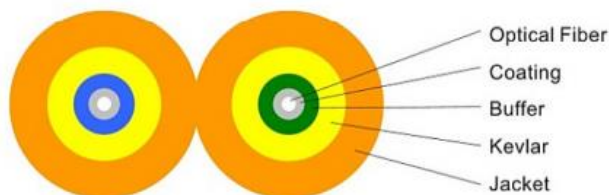
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

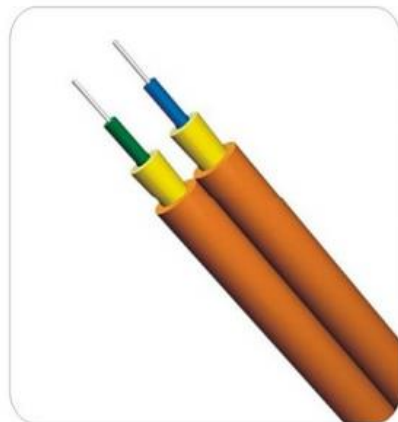
# Duplex Zipcord Cable

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, cable and devices
- Various Jacket options: PVC, LSZH,



Duplex Zipcord cable



## Geometrical Characteristic

|                       |                     |         |         |         |         |         |
|-----------------------|---------------------|---------|---------|---------|---------|---------|
| Cable Diameter (mm)   | 1.6×3.3             | 1.8×3.7 | 2.0×4.1 | 2.4×4.9 | 2.8×5.6 | 3.0×6.1 |
| Tolerance Range (mm)  | ±0.1, or customized |         |         |         |         |         |
| Cable Weight (kgs/km) | 5                   | 6       | 7       | 10      | 13      | 14      |
| Fiber Diameter(mm)    | 0.6 or 0.9          |         |         |         |         |         |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Tensile<br>(N)                          | Long term  | 80   |
|   | Short term | 150  |
| Crush<br>(N/100mm)                      | Long term  | 200  |
|   | Short term | 1000 |
| Min. Bending radius<br>(H=Cable Height) | Dynamic    | 20xH |
|   | Static     | 10xH |
| Temperature Range (°C)                  | -20~+60    |      |

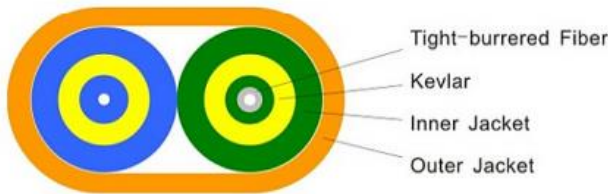
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

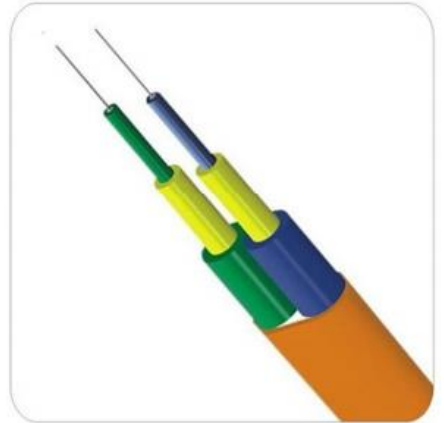
# Duplex Breakout Cable

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, and devices
- Various Jacket options: PVC, LSZH,



Duplex Breakout Cable



## Geometrical Characteristic

|                       |                     |         |         |         |         |
|-----------------------|---------------------|---------|---------|---------|---------|
| Cable Diameter (mm)   | 3.8×2.4             | 4.6×2.8 | 5.0×3.0 | 5.8×3.4 | 7.0×4.0 |
| Tolerance Range (mm)  | ±0.1, or customized |         |         |         |         |
| Cable Weight (kgs/km) | 9.8                 | 12      | 14.8    | 19.4    | 25.6    |
| Fiber Diameter(mm)    | 0.6 or 0.9          |         |         |         |         |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Tensile<br>(N)                          | Long term  | 100  |
|   | Short term | 200  |
| Crush<br>(N/100mm)                      | Long term  | 300  |
|   | Short term | 1000 |
| Min. Bending radius<br>(H=Cable Height) | Dynamic    | 20xH |
|   | Static     | 10xH |
| Temperature Range (°C)                  | -20~+60    |      |

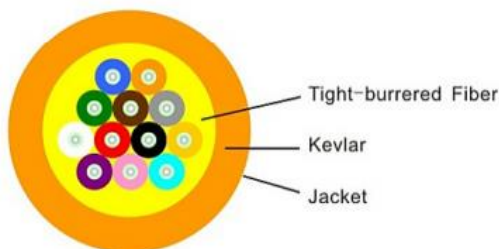
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Multi-fiber Distribution Cable

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, cable and devices
- Various buffer options: PVC, LSZH,



## Geometrical Characteristic

|                       |                     |      |      |      |     |      |
|-----------------------|---------------------|------|------|------|-----|------|
| Fiber Count           | 8                   | 12   | 16   | 24   | 36  | 48   |
| Cable Diameter (mm)   | 5.5                 | 6.5  | 7.5  | 8.2  | 9.0 | 10.5 |
| Tolerance Range (mm)  | ±0.2, or customized |      |      |      |     |      |
| Cable Weight (kgs/km) | 26                  | 36.5 | 44.5 | 54.5 | 72  | 90   |
| Buffer Diameter(mm)   | 0.6 or 0.9          |      |      |      |     |      |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Tensile<br>(N)                            | Long term  | 200  |
|   | Short term | 660  |
| Crush<br>(N/100mm)                        | Long term  | 200  |
|   | Short term | 1000 |
| Min. Bending radius<br>(D=Cable diameter) | Dynamic    | 20xD |
|   | Static     | 10xD |
| Temperature Range (°C)                    | -20~+60    |      |

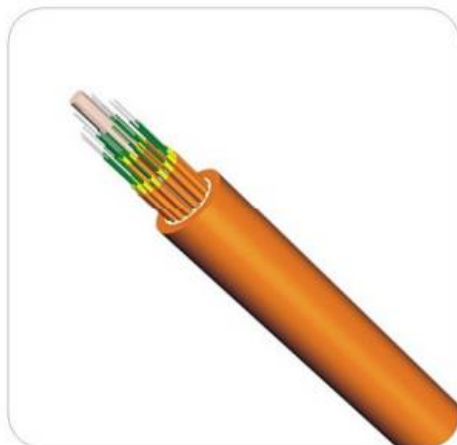
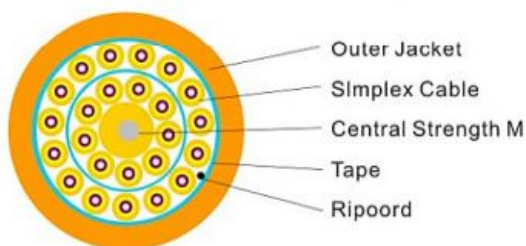
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Multi-fiber Breakout Cable

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, and devices
- Various Jacket options: PVC, LSZH,



## Geometrical Characteristic

|                       |                      |      |      |     |      |      |
|-----------------------|----------------------|------|------|-----|------|------|
| Fiber Count           | 8                    | 12   | 16   | 24  | 36   | 48   |
| Cable Diameter (mm)   | 10.0                 | 12.5 | 12.0 | 15  | 17.5 | 20.0 |
| Tolerance Range (mm)  | ± 0.5, or customized |      |      |     |      |      |
| Cable Weight (kgs/km) | 91                   | 145  | 120  | 178 | 200  | 247  |
| Simplex Diameter(mm)  | 2.0                  |      |      |     |      |      |

## Mechanical Characteristic

|  |            |      |
|--|------------|------|
| Tensile (N)                            | Long term  | 800  |
|  | Short term | 2200 |
| Crush (N/100mm)                        | Long term  | 300  |
|  | Short term | 1000 |
| Min. Bending radius (D=Cable diameter) | Dynamic    | 20xD |
|  | Static     | 10xD |
| Temperature Range (°C)                 | -20~+60    |      |

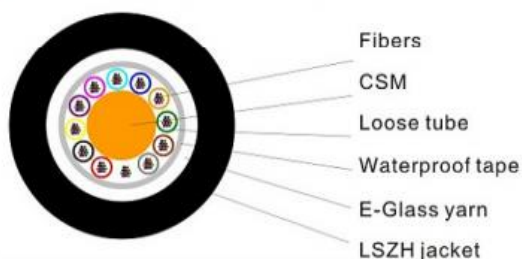
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Riser Cable I

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, cable and devices
- Various buffer options: PVC, LSZH,



## Geometrical Characteristic

|                       |                      |     |     |     |     |     |     |     |      |      |
|-----------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|------|------|
| Fiber Count           | 6                    | 8   | 12  | 16  | 24  | 36  | 48  | 72  | 96   | 144  |
| Tube No.              | 1                    | 2   | 3   | 4   | 6   | 3   | 4   | 6   | 8    | 12   |
| Fiber No./Tube        | 6                    | 4   | 4   | 4   | 4   | 12  | 12  | 12  | 12   | 12   |
| Cable Diameter (mm)   | 9.5                  | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 10.5 | 13.5 |
| Tolerance Range (mm)  | ± 0.5, or customized |     |     |     |     |     |     |     |      |      |
| Cable Weight (kgs/km) | 85                   | 85  | 85  | 85  | 85  | 86  | 86  | 87  | 105  | 175  |

## Mechanical Characteristic

|  |            |         |
|--|------------|---------|
| Tensile (N)                            | Long term  | 200     |
|  | Short term | 660     |
| Crush (N/100mm)                        | Long term  | 300     |
|  | Short term | 1000    |
| Min. Bending radius (D=Cable diameter) | Dynamic    | 20xD    |
|  | Static     | 10xD    |
| Temperature Range (°C)                 |            | -20~+60 |

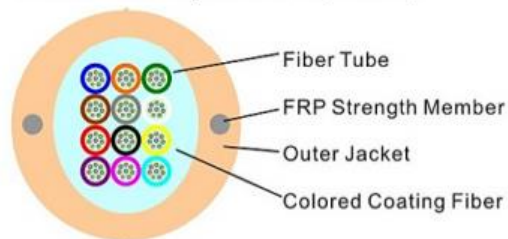
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Riser Cable II

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, and devices
- Various Jacket options: PVC, LSZH,



## Geometrical Characteristic

|                       |                      |     |     |     |     |     |      |      |
|-----------------------|----------------------|-----|-----|-----|-----|-----|------|------|
| Fiber Count           | 12                   | 24  | 24  | 48  | 48  | 72  | 96   | 144  |
| Tube No.              | 1                    | 2   | 4   | 4   | 6   | 6   | 8    | 12   |
| Fiber No./Tube        | 12                   | 12  | 6   | 12  | 8   | 12  | 12   | 12   |
| Cable Diameter (mm)   | 8.5                  | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 10.5 | 10.5 |
| Tolerance Range (mm)  | ± 0.5, or customized |     |     |     |     |     |      |      |
| Cable Weight (kgs/km) | 59                   | 61  | 63  | 64  | 66  | 68  | 88   | 95   |

## Mechanical Characteristic

|  |            |      |
|--|------------|------|
| Tensile (N)                            | Long term  | 250  |
|  | Short term | 500  |
| Crush (N/100mm)                        | Long term  | 500  |
|  | Short term | 1000 |
| Min. Bending radius (D=Cable diameter) | Dynamic    | 20xD |
|  | Static     | 10xD |
| Temperature Range (°C)                 | -20~+60    |      |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Outdoor Optical Fiber Cable

# GYTA

## Recommended Laying Methods:

Aerial, Duct

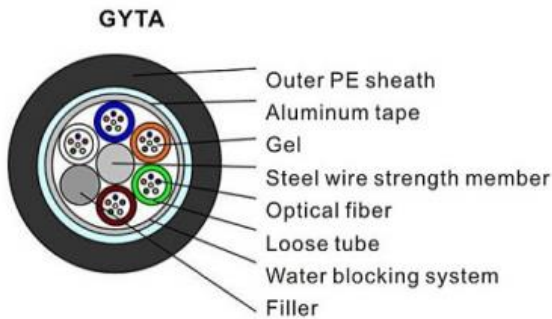
## Application Fields:

LAN, and long distance cabling

Moisture-proof and Rodent-proof

## Characteristic

Excellent moisture proof performance



## Geometrical Characteristic

|                       |                      |       |       |       |        |         |
|-----------------------|----------------------|-------|-------|-------|--------|---------|
| Fiber Count           | 2-36                 | 38-60 | 62-72 | 74-96 | 98-120 | 122-216 |
| Cable Diameter (mm)   | 8.5                  | 10.0  | 11.0  | 12.0  | 14.5   | 16.5    |
| Tolerance Range (mm)  | ± 0.5, or customized |       |       |       |        |         |
| Cable Weight (kgs/km) | 120                  | 140   | 165   | 200   | 240    | 290     |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Tensile<br>(N)                            | Long term  | 600  |
|   | Short term | 1500 |
| Crush<br>(N/100mm)                        | Long term  | 300  |
|   | Short term | 1000 |
| Min. Bending radius<br>(D=Cable diameter) | Dynamic    | 20xD |
|   | Static     | 10xD |
| Temperature Range (C)                     | -40~+70    |      |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# GYTY53

## Recommended Laying Methods:

Directly-burial

## Application Fields:

LAN, and long distance cabling

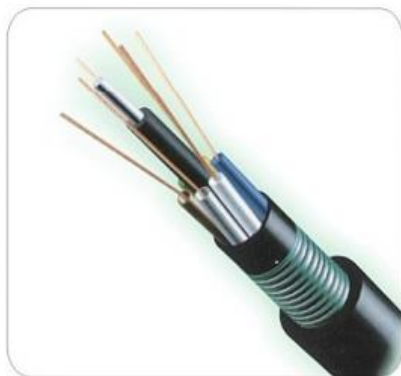
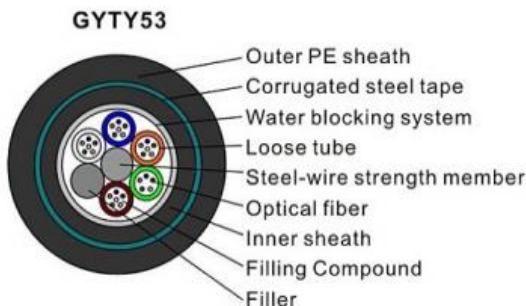
High durable product and rodent-proof

## Characteristic

Strong water-resistance Performance

High anti-crush and tensile strength

Rodent-proof



## Geometrical Characteristic

|                       |                     |       |       |       |        |         |
|-----------------------|---------------------|-------|-------|-------|--------|---------|
| Fiber Count           | 2-36                | 38-60 | 62-72 | 74-96 | 98-120 | 122-216 |
| Cable Diameter (mm)   | 12.0                | 12.0  | 14.0  | 16.0  | 17.5   | 18.5    |
| Tolerance Range (mm)  | ±0.5, or customized |       |       |       |        |         |
| Cable Weight (kgs/km) | 180                 | 200   | 230   | 320   | 365    | 380     |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Tensile<br>(N)                            | Long term  | 1000 |
|   | Short term | 3000 |
| Crush<br>(N/100mm)                        | Long term  | 1000 |
|   | Short term | 3000 |
| Min. Bending radius<br>(D=Cable diameter) | Dynamic    | 20xD |
|   | Static     | 10xD |
| Temperature Range (C)                     | -40~+70    |      |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# GYTA53

## Recommended Laying Methods:

Direct-burial

## Application Fields:

LAN, and long distance cabling

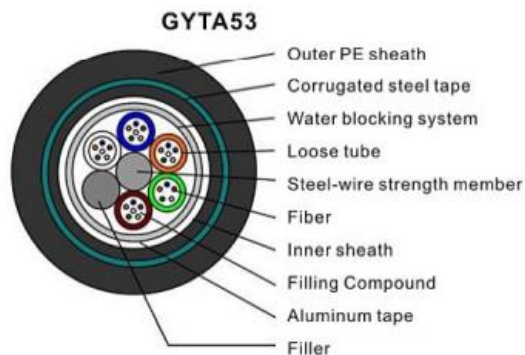
Moisture-proof and Rodent-proof

## Characteristic

Strong water-resistance Performance

High anti-crush and tensile strength

Rodent-proof



## Geometrical Characteristic

|                       |                     |       |       |       |        |         |
|-----------------------|---------------------|-------|-------|-------|--------|---------|
| Fiber Count           | 2-36                | 38-60 | 62-72 | 74-96 | 98-120 | 122-216 |
| Cable Diameter (mm)   | 12.5                | 12.5  | 14.5  | 16.5  | 17.5   | 19.0    |
| Tolerance Range (mm)  | ±0.5, or customized |       |       |       |        |         |
| Cable Weight (kgs/km) | 200                 | 220   | 255   | 300   | 350    | 400     |

## Mechanical Characteristic

|  |            |      |
|--|------------|------|
| Tensile (N)                            | Long term  | 1000 |
|  | Short term | 3000 |
| Crush (N/100mm)                        | Long term  | 1000 |
|  | Short term | 3000 |
| Min. Bending radius (D=Cable diameter) | Dynamic    | 20xD |
|  | Static     | 10xD |
| Temperature Range ( °C )               | -40 ~ +70  |      |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# GYFTY

## Recommended Laying Methods:

Aerial

## Application Fields:

LAN, and long distance cabling

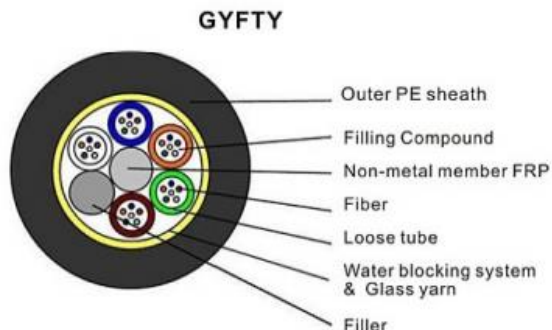
Power transmission system

## Characteristic

Non-metallic,

Anti-electromagnetism

Anti-thunder, anti-static electricity



## Geometrical Characteristic

|                       |                     |       |       |       |        |         |
|-----------------------|---------------------|-------|-------|-------|--------|---------|
| Fiber Count           | 2-36                | 38-60 | 62-72 | 74-96 | 98-120 | 122-216 |
| Cable Diameter (mm)   | 8.0                 | 9.0   | 10.0  | 11.0  | 12.5   | 14.5    |
| Tolerance Range (mm)  | ±0.5, or customized |       |       |       |        |         |
| Cable Weight (kgs/km) | 90                  | 105   | 115   | 150   | 190    | 230     |

## Mechanical Characteristic

|   |            |         |
|---|------------|---------|
| Tensile<br>(N)                            | Long term  | 600     |
|   | Short term | 1500    |
| Crush<br>(N/100mm)                        | Long term  | 300     |
|   | Short term | 1000    |
| Min. Bending radius<br>(D=Cable diameter) | Dynamic    | 20xD    |
|   | Static     | 10xD    |
| Temperature Range ( °C )                  |            | -40~+70 |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# GYTC8S 1x7-3.0

## Recommended Laying Methods:

Self-support aerial

## Application Fields:

LAN, and long distance cabling

FTTH project backbone cabling

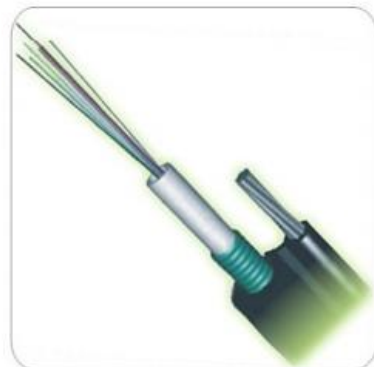
## Characteristic

Long span distance

Multi-fiber to data transmission

Water proof, high anti-crush strength

High tensile, good for installation



## Geometrical Characteristic

|                       |          |           |           |
|-----------------------|----------|-----------|-----------|
| Fiber Count           | 2-24     | 26-36     | 38-60     |
| Cable Diameter (mm)   | 8.5x15.5 | 10.0x17.0 | 10.0x17.0 |
| Tolerance Range (mm)  |          |           |           |
| Cable Weight (kgs/km) | 190      | 200       | 235       |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Allowed tension (N)                       | 4950       |      |
| Safe tension (N)                          | 2500       |      |
| Min. broken tension (N)                   | 7990       |      |
| Crush<br>(N/100mm)                        | Long term  | 1000 |
|   | Short term | 2000 |
| Min. Bending radius<br>(D=Cable diameter) | Dynamic    | 20xH |
|   | Static     | 10xH |
| Temperature Range ( °C )                  | -40~+70    |      |

## Fiber Type

|            |                                     |
|------------|-------------------------------------|
| Fiber Type | SM9/125,MM50/125,MM62.5/125,OM3,OM4 |
|------------|-------------------------------------|

# GYTC8S 1x7-3.6

## Recommended Laying Methods:

Self-support aerial

## Application Fields:

LAN, and long distance cabling

FTTH project backbone cabling

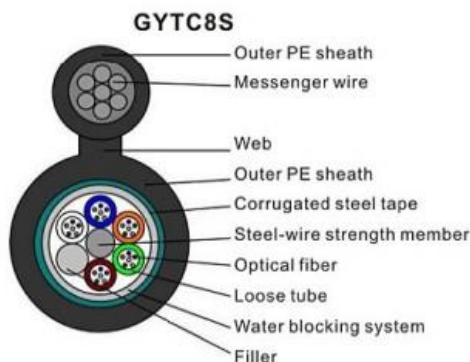
## Characteristic

Long span distance

Multi-fiber to data transmission

Water proof, high anti-crush strength

High tensile, good for installation



## Geometrical Characteristic

|                       |                     |           |           |           |           |
|-----------------------|---------------------|-----------|-----------|-----------|-----------|
| Fiber Count           | 2-24                | 26-36     | 38-60     | 62-72     | 74-96     |
| Cable Diameter (mm)   | 8.5x16.1            | 10.0x17.6 | 10.0x17.6 | 11.0x18.6 | 12.0x19.6 |
| Tolerance Range (mm)  | ±0.5, or customized |           |           |           |           |
| Cable Weight (kgs/km) | 200                 | 210       | 220       | 245       | 270       |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Allowed tension (N)                       | 7100       |      |
| Safe tension (N)                          | 3500       |      |
| Min. broken tension (N)                   | 10710      |      |
| Crush<br>(N/100mm)                        | Long term  | 1000 |
|   | Short term | 2000 |
| Min. Bending radius<br>(D=Cable diameter) | Dynamic    | 20xH |
|   | Static     | 10xH |
| Temperature Range (°C)                    | -40~+70    |      |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# GYTC8S 1x7-4.2

## Recommended Laying Methods:

Self-support aerial

## Application Fields:

LAN, and long distance cabling

FTTH project backbone cabling

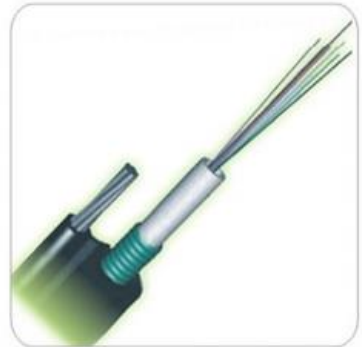
## Characteristic

Long span distance

Multi-fiber to data transmission

Water proof, high anti-crush strength

High tensile, good for installation



## Geometrical Characteristic

|                       |                     |           |           |           |           |
|-----------------------|---------------------|-----------|-----------|-----------|-----------|
| Fiber Count           | 2-30                | 32-36     | 38-60     | 62-72     | 74-96     |
| Cable Diameter (mm)   | 8.5x16.7            | 10.0x18.2 | 10.0x18.2 | 11.0x19.2 | 12.0x20.2 |
| Tolerance Range (mm)  | ±0.5, or customized |           |           |           |           |
| Cable Weight (kgs/km) | 210                 | 230       | 240       | 255       | 290       |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Allowed tension (N)                       | 9700       |      |
| Safe tension (N)                          | 4800       |      |
| Min. broken tension (N)                   | 15550      |      |
| Crush<br>(N/100mm)                        | Long term  | 1000 |
|   | Short term | 2000 |
| Min. Bending radius<br>(D=Cable diameter) | Dynamic    | 20xH |
|   | Static     | 10xH |
| Temperature Range (°C)                    | -40~+70    |      |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# GYXTC8S

## Recommended Laying Methods:

Self-support aerial

## Application Fields:

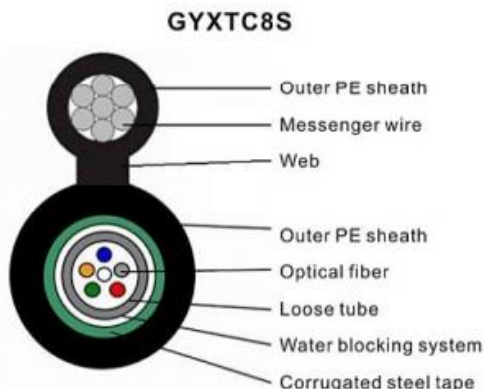
LAN, and long distance cabling

## Characteristic

Strong water-resistance Performance

High anti-crush and tensile strength

Rodent-proof



## Geometrical Characteristic

|                       |                     |
|-----------------------|---------------------|
| Fiber Count           | 2-12                |
| Cable Diameter (mm)   | 7.5x12.9            |
| Tolerance Range (mm)  | ±0.2, or customized |
| Cable Weight (kgs/km) | 135                 |

## Mechanical Characteristic

|  |            |         |
|--|------------|---------|
| Tensile (N)                            | Long term  | 1000    |
|  | Short term | 3000    |
| Crush (N/100mm)                        | Long term  | 1000    |
|  | Short term | 2000    |
| Min. Bending radius (D=Cable diameter) | Dynamic    | 20xH    |
|  | Static     | 10xH    |
| Temperature Range (°C)                 |            | -40~+70 |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# ADSS

## Recommended Laying Methods:

Self-support aerial

## Application Fields:

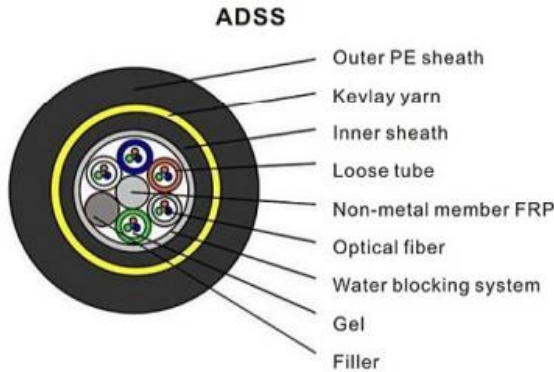
LAN, and long distance cabling

## Characteristic

Loose tube, Non-metallic,

High tensile strength

Long work time at electric field below 25KV/m



## Geometrical Characteristic

|                       |                     |     |
|-----------------------|---------------------|-----|
| Fiber Count           | 24                  | 24  |
| Cable Diameter (mm)   | 12                  | 12  |
| Tolerance Range (mm)  | ±0.5, or customized |     |
| Cable Weight (kgs/km) | 200                 | 185 |

## Mechanical Characteristic

|                                       |                |         |
|---------------------------------------|----------------|---------|
| Span<br>(M)                           | Windspeed10m/s | 800     |
|                                       | Windspeed35m/s | 800     |
| Linear Expanding Coefficient<br>(1/k) | Windspeed10m/s | 0.02x10 |
|                                       | Windspeed35m/s | 0.11x10 |
| Safely running strain<br>(N)          | Windspeed10m/s | 29680   |
|                                       | Windspeed35m/s | 19600   |
| Temperature Range (°C)                |                | -40~+70 |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# GYXTW

## Recommended Laying Methods:

Aerial

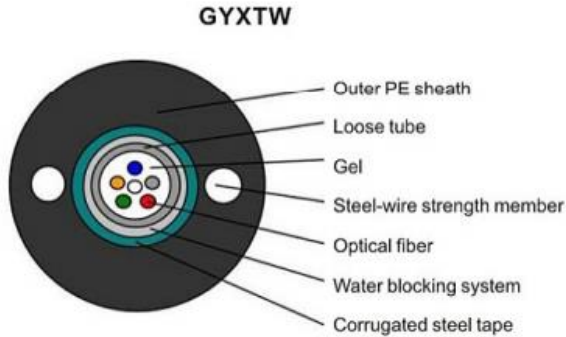
## Application Fields:

LAN, and long distance cabling

## Characteristic

Strong water-resistance Performance

High anti-crush and tensile strength



## Geometrical Characteristic

|                       |                     |
|-----------------------|---------------------|
| Fiber Count           | 2-24                |
| Cable Diameter (mm)   | 7.5~8.0             |
| Tolerance Range (mm)  | ±0.5, or customized |
| Cable Weight (kgs/km) | 80                  |

## Mechanical Characteristic

|   |            |         |
|---|------------|---------|
| Tensile<br>(N)                            | Long term  | 600     |
|   | Short term | 1500    |
| Crush<br>(N/100mm)                        | Long term  | 300     |
|   | Short term | 1000    |
| Min. Bending radius<br>(D=Cable diameter) | Dynamic    | 20xD    |
|   | Static     | 10xD    |
| Temperature Range (°C)                    |            | -40~+70 |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# GYTS

## Recommended Laying Methods:

Aerial, Duct

## Application Fields:

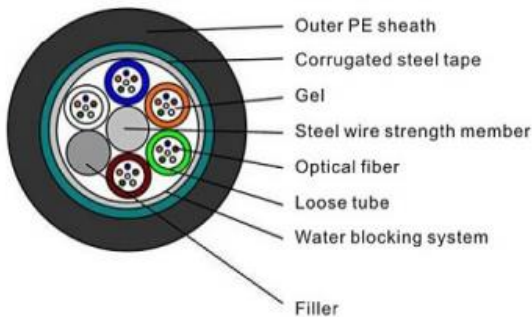
LAN, and long distance cabling

## Characteristic

Strong water-resistance Performance

High anti-crush and tensile strength

### GYTS



## Geometrical Characteristic

|                       |                     |       |       |       |        |         |
|-----------------------|---------------------|-------|-------|-------|--------|---------|
| Fiber Count           | 2-32                | 38-60 | 62-72 | 74-96 | 98-120 | 122-216 |
| Cable Diameter (mm)   | 8.5                 | 10.0  | 11.0  | 12.0  | 14.5   | 16.5    |
| Tolerance Range (mm)  | ±0.5, or customized |       |       |       |        |         |
| Cable Weight (kgs/km) | 120                 | 140   | 165   | 200   | 240    | 290     |

## Mechanical Characteristic

|   |            |         |
|---|------------|---------|
| Tensile<br>(N)                            | Long term  | 600     |
|   | Short term | 1500    |
| Crush<br>(N/100mm)                        | Long term  | 300     |
|   | Short term | 1000    |
| Min. Bending radius<br>(D=Cable diameter) | Dynamic    | 20xD    |
|   | Static     | 10xD    |
| Temperature Range (°C)                    |            | -20~+60 |

## Fiber Type

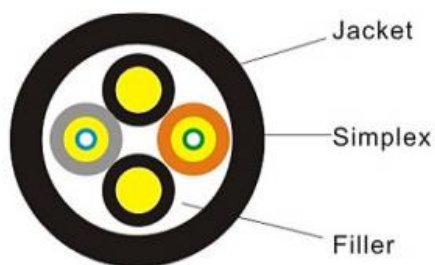
|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Base Station Fiber Optic Cable

# Base Station Cable-2 core

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, Base station
- Jacket material: LSZH



## Geometrical Characteristic

| Fiber Count | Cable Diameter (mm) | Tolerance Range (mm) | Cable Weight (kgs/km) | Buffer Diameter (mm) |
|-------------|---------------------|----------------------|-----------------------|----------------------|
| 2           | 7.0                 | ±0.2 , or customized | 42                    | 0.9                  |

## Mechanical Characteristic

|  |            |         |
|--|------------|---------|
| Tensile (N)                            | Long term  | 200     |
|  | Short term | 400     |
| Crush (N/100mm)                        | Long term  | 300     |
|  | Short term | 1000    |
| Min. Bending radius (D=Cable diameter) | Long term  | 20xD    |
|  | Short term | 10xD    |
| Temperature Range (°C)                 |            | -20~+60 |

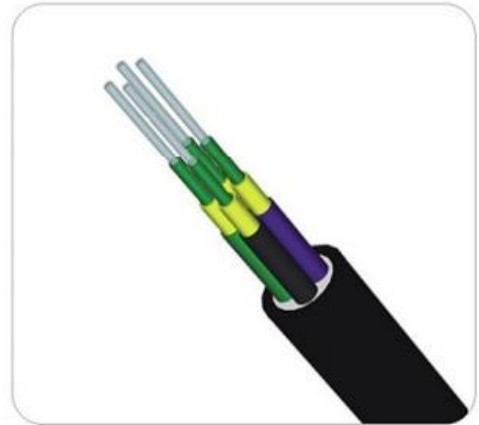
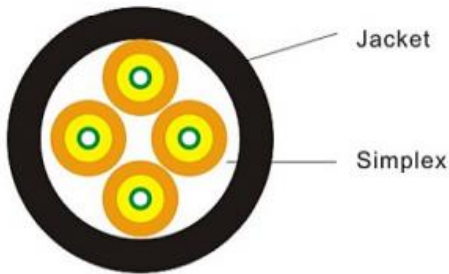
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Base Station Cable-4 core

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, sft, easy to install
- Applicable for Assembly, Base station
- Jacket material: LSZH



## Geometrical Characteristic

| Fiber Count | Cable Diameter (mm) | Tolerance Range (mm) | Cable Weight (kgs/km) | Buffer Diameter (mm) |
|-------------|---------------------|----------------------|-----------------------|----------------------|
| 4           | 7.0                 | ±0.2, or customized  | 45                    | 0.9                  |

## Mechanical Characteristic

|  |            |         |
|--|------------|---------|
| Tensile (N)                            | Long term  | 200     |
|  | Short term | 400     |
| Crush (N/100mm)                        | Long term  | 300     |
|  | Short term | 1000    |
| Min. Bending radius (D=Cable diameter) | Long term  | 20xD    |
|  | Short term | 10xD    |
| Temperature Range (°C)                 |            | -20~+60 |

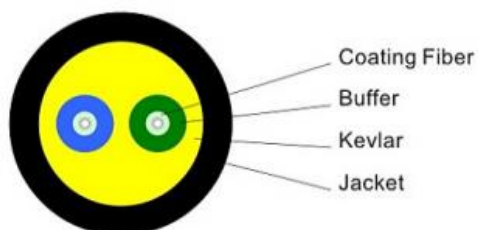
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# FTTA Cable I

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, Base station
- Good Mechanical and environmental performant
- UV protect jacket material: LSZH



FTTA Cable I



## Geometrical Characteristic

| Fiber Count | Cable Diameter (mm) | Tolerance Range (mm) | Cable Weight (kgs/km) | Buffer Diameter (mm) |
|-------------|---------------------|----------------------|-----------------------|----------------------|
| 2           | 4.8                 | ±0.2, or customized  | 19                    | 0.9                  |

## Mechanical Characteristic

|  |            |         |
|--|------------|---------|
| Tensile (N)                            | Long term  | 200     |
|  | Short term | 400     |
| Crush (N/100mm)                        | Long term  | 1000    |
|  | Short term | 3000    |
| Min. Bending radius (D=Cable diameter) | Long term  | 20xD    |
|  | Short term | 10xD    |
| Temperature Range (°C)                 |            | -40~+90 |

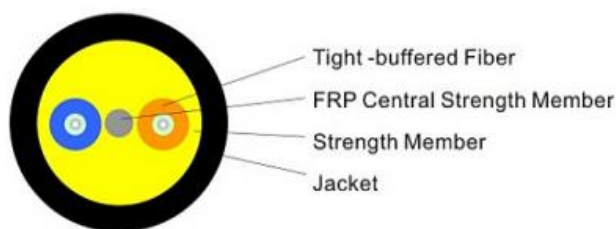
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# FTTA Cable II

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, Base station
- Good Mechanical and environmental performant
- UV protect jacket material: LSZH



FTTA Cable II



## Geometrical Characteristic

| Fiber Count | Cable Diameter (mm) | Tolerance Range (mm) | Cable Weight (kgs/km) | Buffer Diameter (mm) |
|-------------|---------------------|----------------------|-----------------------|----------------------|
| 2           | 5.5                 | ±0.2, or customized  | 25                    | 0.9                  |

## Mechanical Characteristic

|  |            |         |
|--|------------|---------|
| Tensile (N)                            | Long term  | 200     |
|  | Short term | 400     |
| Crush (N/100mm)                        | Long term  | 300     |
|  | Short term | 1000    |
| Min. Bending radius (D=Cable diameter) | Long term  | 20xD    |
|  | Short term | 10xD    |
| Temperature Range (°C)                 |            | -40~+80 |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|



# Data Center Optical Fiber Cable

# Fiber-Ribbon

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, easy strip, easy to install
- Applicable for Assembly, cable and devices
- Various jacket options: PVC, LSZH,



## Geometrical Characteristic

| Fiber Count                                     | 2           | 4            | 6            | 8           | 10          | 12          |
|---|-------------|--------------|--------------|-------------|-------------|-------------|
| Width(w)(mm)                                    | $\leq 0.7$  | $\leq 1.22$  | $\leq 1.77$  | $\leq 2.3$  | $\leq 2.85$ | $\leq 3.4$  |
| Thickness(t)(mm)                                | $\leq 0.4$  | $\leq 0.4$   | $\leq 0.4$   | $\leq 0.4$  | $\leq 0.4$  | $\leq 0.4$  |
| Horizontal Space Between Adjacent Fibers(d)(mm) | $\leq 0.28$ | $\leq 0.28$  | $\leq 0.28$  | $\leq 0.3$  | $\leq 0.3$  | $\leq 0.3$  |
| Horizontal Space Between End Fibers(b)(mm)      | $\leq 0.28$ | $\leq 0.835$ | $\leq 1.385$ | $\leq 1.92$ | $\leq 2.45$ | $\leq 2.95$ |
| Planarity(p)( $\mu\text{m}$ )                   | -           | $\leq 35$    | $\leq 35$    | $\leq 35$   | $\leq 35$   | $\leq 35$   |

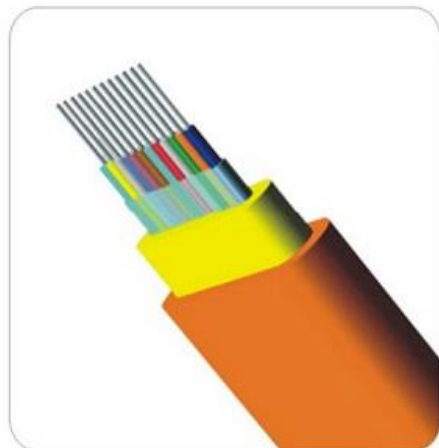
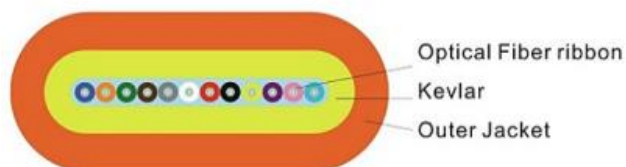
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Fiber-Ribbon Cable

## Characteristic

- Multi choice for SM and MM fiber
- Flexible, easy strip, easy to install
- Applicable for Assembly, cable and
- Various jacket options: PVC, LSZH,



## Geometrical

|                       |                     |         |         |         |
|-----------------------|---------------------|---------|---------|---------|
| Fiber Count           | 4                   | 6       | 8       | 12      |
| Cable Diameter (mm)   | 2.5×3.5             | 2.5×4.0 | 2.5×4.5 | 2.5×5.0 |
| Tolerance Range (mm)  | ±0.2, or customized |         |         |         |
| Cable Weight (kgs/km) | 7.2                 | 8.2     | 9.0     | 10      |

## Mechanical Characteristic

|   |            |         |
|---|------------|---------|
| Tensile<br>(N)                          | Long term  | 80      |
|   | Short term | 200     |
| Crush<br>(N/100mm)                      | Long term  | 200     |
|   | Short term | 500     |
| Min. Bending radius<br>(H=Cable Height) | Long term  | 20xH    |
|   | Short term | 10xH    |
| Temperature Range (°C)                  |            | -20~+60 |

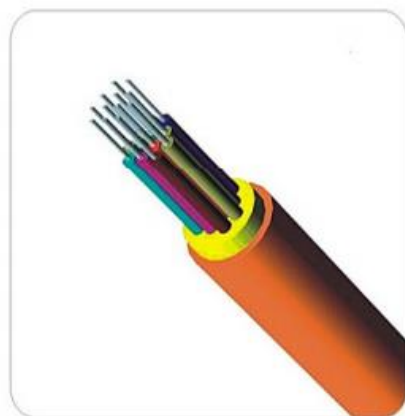
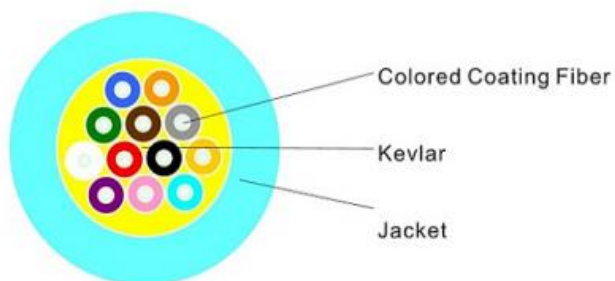
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Mini-core Cable 1-24F

## Characteristic

- Multi choice for SM and MM fiber
- Small size, light weight, easy to install
- Applicable for Assembly, datacenter
- Various Jacket options: PVC, LSZH,



## Geometrical

|                       |                     |     |     |     |     |     |
|-----------------------|---------------------|-----|-----|-----|-----|-----|
| Fiber Count           | 2                   | 4   | 6   | 8   | 12  | 24  |
| Cable Diameter (mm)   | 2.0                 | 2.0 | 2.0 | 2.4 | 3.0 | 3.5 |
| Tolerance Range (mm)  | ±0.1, or customized |     |     |     |     |     |
| Cable Weight (kgs/km) | 3.5                 | 3.6 | 3.7 | 3.9 | 7.0 | 8.0 |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Tensile<br>(N)                            | Long term  | 40   |
|   | Short term | 80   |
| Crush<br>(N/100mm)                        | Long term  | 50   |
|   | Short term | 100  |
| Min. Bending radius<br>(D=Cable diameter) | Long term  | 20xD |
|   | Short term | 10xD |
| Temperature Range (°C)                    | -20~+60    |      |

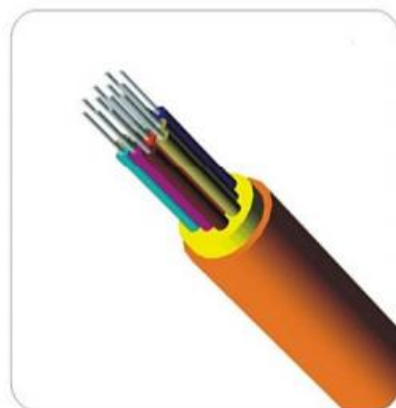
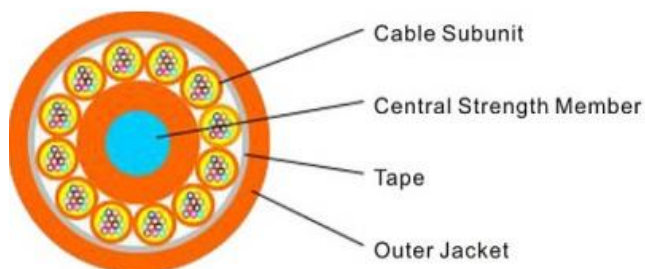
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Mini-core Cable 48-144F

## Characteristic

- Multi choice for SM and MM fiber
- Small size, light weight, easy to install
- Applicable for Assembly, datacenter
- Various Jacket options: PVC LSZH



## Geometrical Characteristic

|                       |                    |      |      |      |
|-----------------------|--------------------|------|------|------|
| Fiber Count           | 48                 | 72   | 96   | 144  |
| Cable Diameter (mm)   | 10.5               | 12.5 | 14.5 | 17.5 |
| Tolerance Range (mm)  | ±0.5 or customized |      |      |      |
| Cable Weight (kgs/km) | 90                 | 145  | 200  | 315  |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Tensile<br>(N)                            | Long term  | 200  |
|   | Short term | 400  |
| Crush<br>(N/100mm)                        | Long term  | 200  |
|   | Short term | 1000 |
| Min. Bending radius<br>(D=Cable diameter) | Long term  | 20xD |
|   | Short term | 10xD |
| Temperature Range (°C)                    | -20~+60    |      |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

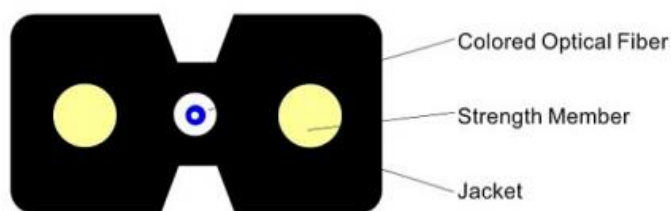


# FTTx Cable

# FTTH Indoor Drop Cable

## Characteristic

- Small size, light weight, easy strip
- Flexible, easy bend, well for install
- Excellent Crush and tensile resistance,
- Jacket material: LSZH



## Geometrical Characteristic

|                       |                     |   |         |
|-----------------------|---------------------|---|---------|
| Fiber Count           | 1                   | 2 | 4       |
| Cable Diameter (mm)   | 3.0×2.0             |   | 3.1×2.0 |
| Tolerance Range (mm)  | ±0.1, or customized |   |         |
| Cable Weight (kgs/km) | 9.0                 |   |         |

## Mechanical Characteristic

|                                      |            |      |
|--------------------------------------|------------|------|
| Tensile (N)                          | Long term  | 40   |
|                                      | Short term | 80   |
| Crush (N/100mm)                      | Long term  | 500  |
|                                      | Short term | 1000 |
| Min. Bending radius (H=Cable Height) | Long term  | 20xH |
|                                      | Short term | 10xH |
| Temperature Range (°C)               | -40~+60    |      |

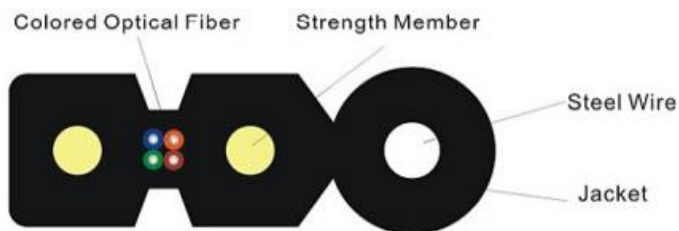
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# FTTH Outdoor Drop Cable

## Characteristic

- Small size, light weight, easy strip
- Flexible, easy bend, well for install
- Excellent Crush and tensile resistance,
- Jacket material: LSZH



## Geometrical Characteristic

| Fiber Count           | 1                   | 2  | 4       |
|-----------------------|---------------------|----|---------|
| Cable Diameter (mm)   | 5.2×2.0             |    | 5.3×2.0 |
| Tolerance Range (mm)  | ±0.1, or customized |    |         |
| Cable Weight (kgs/km) | 18                  | 18 | 18      |

## Mechanical Characteristic

|                                      |            |      |
|--------------------------------------|------------|------|
| Tensile (N)                          | Long term  | 300  |
|                                      | Short term | 660  |
| Crush (N/100mm)                      | Long term  | 1000 |
|                                      | Short term | 2200 |
| Min. Bending radius (H=Cable Height) | Long term  | 20xH |
|                                      | Short term | 10xH |
| Temperature Range (°C)               | -40~+60    |      |

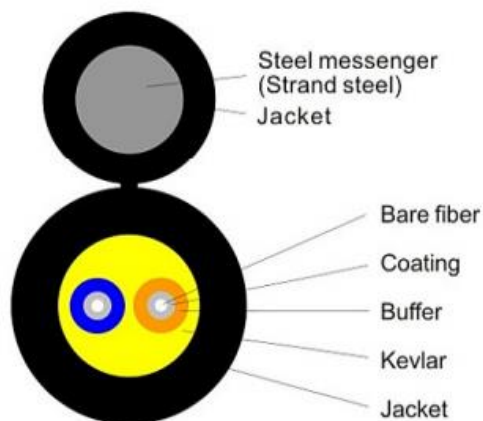
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Fig.8 Arial Cable

## Characteristic

- Small size, light weight, easy strip
- Flexible, easy bend, well for install
- Excellent Crush and tensile resistance,
- Jacket material: LSZH



## Geometrical Characteristic

| Fiber Count                     | 1                   | 2 |
|---------------------------------|---------------------|---|
| Cable Diameter (mm)             | 6.4 x 3.5           |   |
| Tolerance Range (mm)            | ±0.2, or customized |   |
| Strand Steel wire Diameter (mm) | 1.2                 |   |
| Cable Weight (kgs/km)           | 20                  |   |

## Mechanical Characteristic

|                                      |            |      |
|--------------------------------------|------------|------|
| Tensile (N)                          | Long term  | 300  |
|                                      | Short term | 600  |
| Crush (N/100mm)                      | Long term  | 1000 |
|                                      | Short term | 2200 |
| Min. Bending radius (H=Cable Height) | Long term  | 20xH |
|                                      | Short term | 10xH |
| Temperature Range (°C)               | -20~+60    |      |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Fig.8 Arial Cable -GYTC8S

## Recommended Laying Methods:

Self-support aerial

## Application Fields:

LAN, and long distance cabling

FTTH project backbone cabling

## Characteristic

Long span distance

Multi-fiber to data transmission

Water proof, high anti-crush strength

High tensile, good for installation



## Geometrical Characteristic

|                       |          |           |           |
|-----------------------|----------|-----------|-----------|
| Fiber Count           | 2-24     | 26-36     | 38-60     |
| Cable Diameter (mm)   | 8.5x15.5 | 10.0x17.0 | 10.0x17.0 |
| Tolerance Range (mm)  |          |           |           |
| Cable Weight (kgs/km) | 190      | 200       | 235       |

## Mechanical Characteristic

|   |            |      |
|---|------------|------|
| Allowed tension (N)                       | 4950       |      |
| Safe tension (N)                          | 2500       |      |
| Min. broken tension (N)                   | 7990       |      |
| Crush<br>(N/100mm)                        | Long term  | 1000 |
|   | Short term | 2000 |
| Min. Bending radius<br>(D=Cable diameter) | Dynamic    | 20xH |
|   | Static     | 10xH |
| Temperature Range (°C)                    | -40~+70    |      |

## Fiber Type

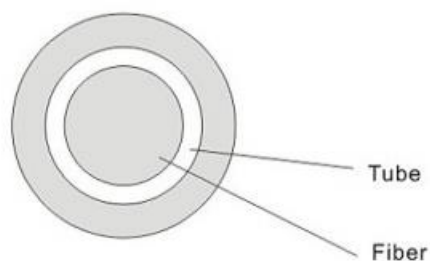
|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Armored Optical Fiber Cable

# Armored Fiber Tube

## Characteristic

- Flexible, easy to install
- Multi choice for SM and MM fiber
- Good protect for fiber data transmission
- Anti-rodent, high tensile and crush strength



## Geometrical Characteristic

|                                     |  |              |              |
|-------------------------------------|--|--------------|--------------|
| Fiber Diameter( $\mu\text{m}$ )     | 250  | 600          | 900          |
| Cladding Diameter ( $\mu\text{m}$ ) | 125.0 $\pm$ 1.0  |              |              |
| Coating Diameter ( $\mu\text{m}$ )  | 245 $\pm$ 10 for natural color, 250 $\pm$ 15 for colored fiber |              |              |
| Buffer Diameter ( $\mu\text{m}$ )   | /  | 600 $\pm$ 50 | 900 $\pm$ 50 |
| Stainless Steel Tube Diameter (mm)  | 0.6  | 0.9          | 1.5          |

## Mechanical Characteristic

|   |         |      |
|---|---------|------|
| Crush<br>(Max. N/100mm)                   | 2000    |      |
| Min. Bending radius<br>(D=fiber diameter) | Dynamic | 20xD |
|   | Static  | 10xD |
| Temperature Range (°C)                    | -20~+60 |      |

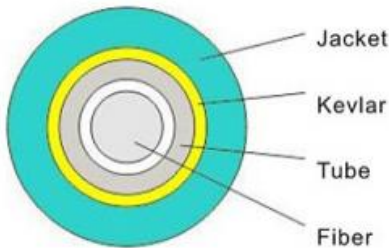
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Armored Simplex Cable

## Characteristic

- Flexible, easy to install
- Multi choice for SM and MM fiber
- Good protect for fiber data transmission
- Anti-rodent, high tensile and crush strength
- Various Jacket options: PVC, LSZH, TPU



## Geometrical Characteristic

|                            |                     |     |     |     |      |      |
|----------------------------|---------------------|-----|-----|-----|------|------|
| Cable Diameter (mm)        | 1.6                 | 1.8 | 2.0 | 2.4 | 2.8  | 3.0  |
| Tolerance Range (mm)       | ±0.1, or customized |     |     |     |      |      |
| Fiber Diameter (mm)        | 0.25                | 0.5 | 0.5 | 0.5 | 0.5  | 0.9  |
| Armored tube Diameter (mm) | 0.6                 | 0.9 | 0.9 | 0.9 | 0.9  | 1.5  |
| Cable Weight (kgs/km)      | 3.8                 | 4.8 | 6.5 | 7.0 | 10.5 | 11.0 |

## Mechanical Characteristic

|  |            |      |
|--|------------|------|
| Tensile (N)                            | Long term  | 100  |
|  | Short term | 200  |
| Crush (Max. N/100mm)                   | 2000       |      |
| Min. Bending radius (D=Cable diameter) | Dynamic    | 20xD |
|  | Static     | 10xD |
| Temperature Range (°C)                 | -20~+60    |      |

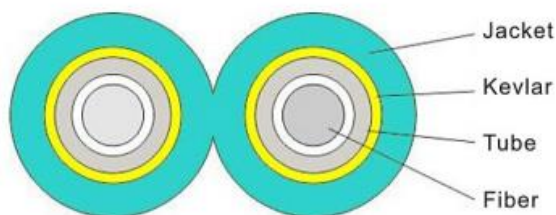
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Armored Zipcord Cable

## Characteristic

- Flexible, easy to install
- Multi choice for SM and MM fiber
- Good protect for fiber data transmission
- Anti-rodent, high tensile and crush strength
- Various Jacket options: PVC, LSZH, TPU



## Geometrical Characteristic

|                            |                     |         |         |         |         |
|----------------------------|---------------------|---------|---------|---------|---------|
| Cable Diameter (mm)        | 1.8x3.7             | 2.0x4.1 | 2.4x4.9 | 2.8x5.7 | 3.0x6.1 |
| Tolerance Range (mm)       | ±0.1, or customized |         |         |         |         |
| Fiber Diameter (mm)        | 0.5                 | 0.5     | 0.5     | 0.5     | 0.9     |
| Armored tube Diameter (mm) | 0.9                 | 0.9     | 0.9     | 0.9     | 1.5     |
| Cable Weight (kgs/km)      | 9.6                 | 13.0    | 14.0    | 21      | 22      |

## Mechanical Characteristic

|  |            |      |
|--|------------|------|
| Tensile (N)                            | Long term  | 200  |
|  | Short term | 400  |
| Crush (Max. N/100mm)                   | 4000       |      |
| Min. Bending radius (D=fiber diameter) | Dynamic    | 20xD |
|  | Static     | 10xD |
| Temperature Range (°C)                 | -20~+60    |      |

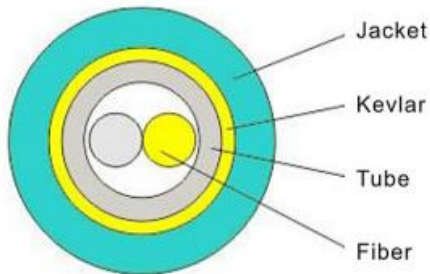
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Duplex Armored Cable

## Characteristic

- Flexible, easy to install
- Multi choice for SM and MM fiber
- Good protect for fiber data transmission
- Anti-rodent, high tensile and crush strength
- Various Jacket options: PVC, LSZH, TPU



## Geometrical Characteristic

|                            |                     |      |     |
|----------------------------|---------------------|------|-----|
| Cable Diameter (mm)        | 3.0                 | 3.5  | 4.8 |
| Tolerance Range (mm)       | ±0.1, or customized |      |     |
| Fiber Diameter (mm)        | 0.5                 | 0.5  | 0.9 |
| Armored tube Diameter (mm) | 1.8                 | 1.8  | 2.5 |
| Cable Weight (kgs/km)      | 17                  | 18.5 | 27  |

## Mechanical Characteristic

|  |            |      |
|--|------------|------|
| Tensile (N)                            | Long term  | 300  |
|  | Short term | 600  |
| Crush (Max. N/100mm)                   | 3000       |      |
| Min. Bending radius (D=Cable diameter) | Dynamic    | 20xD |
|  | Static     | 10xD |
| Temperature Range (°C)                 | -20~+60    |      |

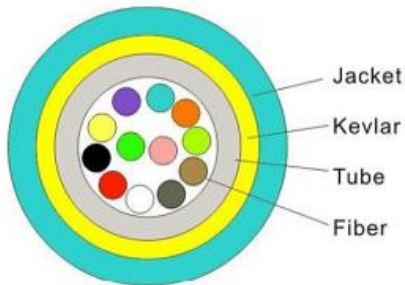
## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|

# Multi-fiber Armored Cable

## Characteristic

- Flexible, easy to install
- Multi choice for SM and MM fiber
- Good protect for fiber data transmission
- Anti-rodent, high tensile and crush strength
- Various Jacket options: PVC, LSZH, TPU



## Geometrical Characteristic

|                       |                     |     |     |     |     |
|-----------------------|---------------------|-----|-----|-----|-----|
| Fiber Count           | 4                   | 6   | 8   | 12  | 24  |
| Cable Diameter (mm)   | 4.2                 | 4.5 | 5.0 | 5.5 | 7.0 |
| Tolerance Range (mm)  | ±0.2, or customized |     |     |     |     |
| Cable Weight (kgs/km) | 25                  | 28  | 32  | 38  | 54  |
| Buffer Diameter(mm)   |                     |     |     |     |     |

## Mechanical Characteristic

|  |            |      |
|--|------------|------|
| Tensile (N)                            | Long term  | 400  |
|  | Short term | 800  |
| Crush (Max. N/100mm)                   | 3000       |      |
| Min. Bending radius (D=fiber diameter) | Dynamic    | 20xD |
|  | Static     | 10xD |
| Temperature Range (°C)                 | -20~+60    |      |

## Fiber Type

|            |   |
|------------|---|
| Fiber Type | SM9/125, MM50/125, MM62.5/125, OM3, OM4 |
|------------|---|