



**iCables**  
Choose the best Quality

**Fiber  
Optic  
Cables**





# CONTENTS

- **Optical Fiber**
- **Indoor Fiber Optical Cable**
- **Outdoor Fiber Optical Cable**
- **Special Fiber Optical Cable**

## Optical Fiber

iEngineering deals in a wide range of Premium Fiber Optical equipment and accessories of different brands. iCable is the brand that represents iEngineering in optical Fiber side, iCable has its main products include optical fiber, Fiber Optical Cable, Electrical Wire and Cable, Special Telecommunication Cable, Optical Fiber composite overhead ground wire, optical Fiber composite phase wire, optical Fiber composite insulated cable, Metal Fittings, splicing devices etc.

We can supply all range of Fiber optic cables and their different accessories like Fiber Patch leads, Wall mount & Rackmount Enclosures Boxes, Fiber Optic Termination box, access tools, tool kits, polishing film, cleaning accessories, and replacement pieces for previously purchased tool kits. All cables are complied with the following AS Standard AS/NZS 3080, AS/CA S-008, AS 1049.

### Types:

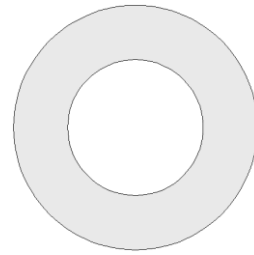
- **Optical Fiber G.652.D** - 100G high-speed fiber-optic communication systems.
- **Optical Fiber G.657.A2** - Excellent bending resistance performance within radius 7.5~15 mm.
- **Optical Fiber G.654.E** - B100G and 400Gbit/s high-speed communication systems.

### Features:

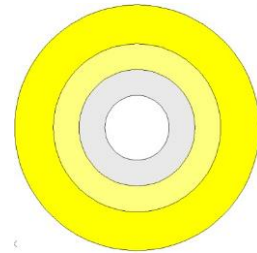
- Fully compatible with traditional single mode fiber
- Wavelengths extended to E-band (1360 to 1460 nm)
- Applicable in low-cost CWDM system
- Applicable in upgrade from CWDM to DWDM system
- Geometric dimensions accurate and consistent, easy splicing with low loss
- Good coating protection and excellent peeling performance
- Lower water peaks
- Lower PMD (Polarization Mode Dispersion) value

## Indoor Fiber Optical Cable

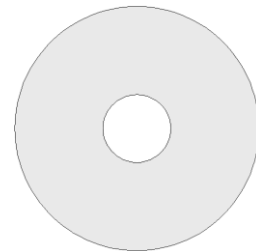
**Fiber Optic Protective  
Tube- I**



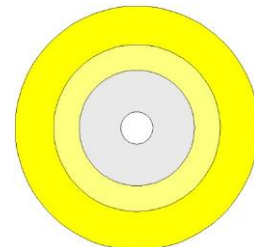
**Fiber Optic Protective  
Tube- II**



**Tight Buffer Fiber**

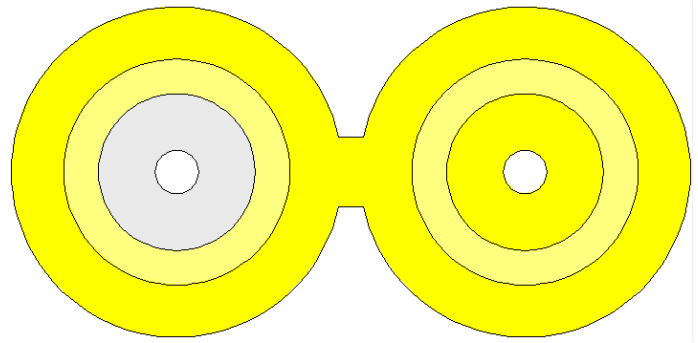


**Simplex cable**

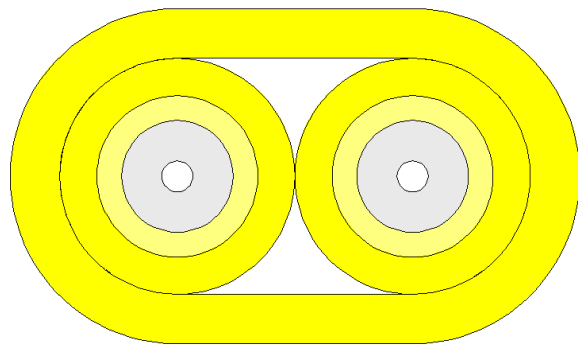


- **Application: Indoor Cabling, Connection Between Devices, Single, Multi-Core Jumpers Or Pigtails.**

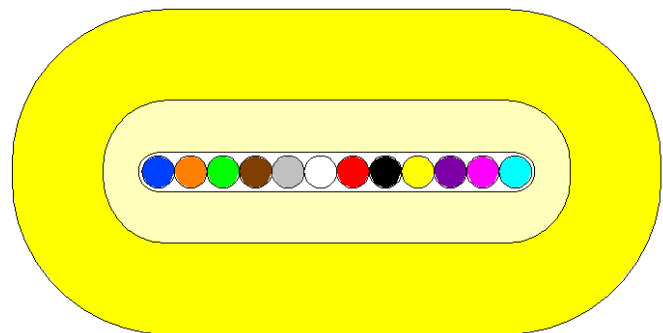
**Zip Cord Cable**



**Duplex Flat Cable**

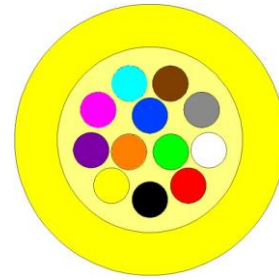


**Flat Fiber Ribbon Cable**

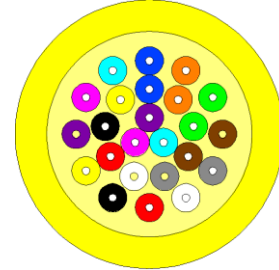


- **Application: Indoor Cabling, Connection Between Devices, Single, Multi-Core Jumpers or Pigtails.**

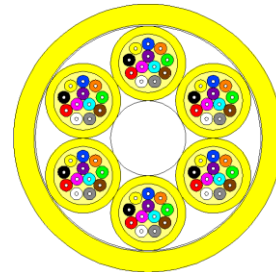
**MPO Cable**



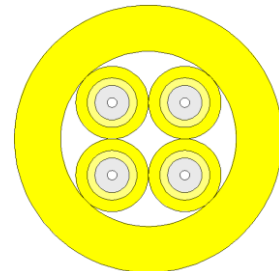
**Distribution cable - I**



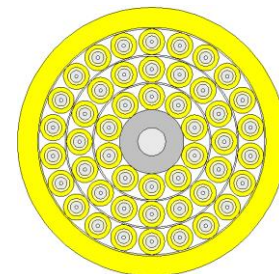
**Distribution cable- II**



**Break-out cable - I**

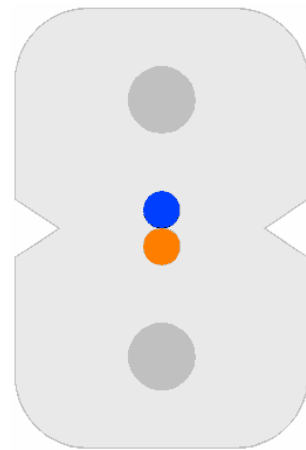


**Break-out cable - II**

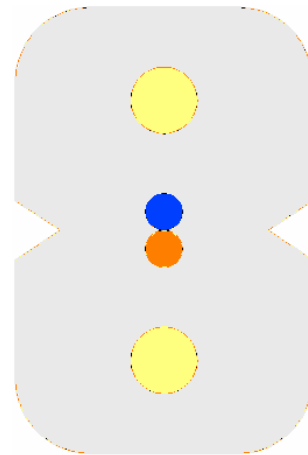


➤ **Application: Indoor Cabling, Building, Computer Room  
Integrated Wiring, Multi-Core Jumpers Or Pigtails.**

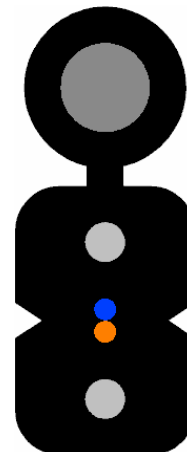
**Metallic Strength  
Member  
Bow-type Drop Cable**



**Non-metallic Strength  
Member  
Bow-type Drop Cable**

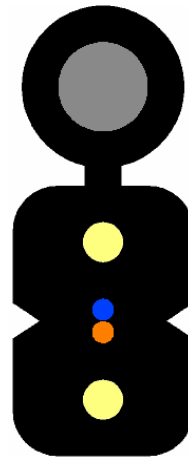


**Metallic Strength  
Member Self-  
supporting Bow-type  
Drop Cable**

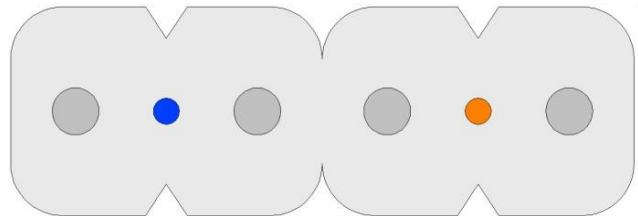


➤ Application: Indoor And Outdoor Cabling, Pre-Terminated In The Factory.

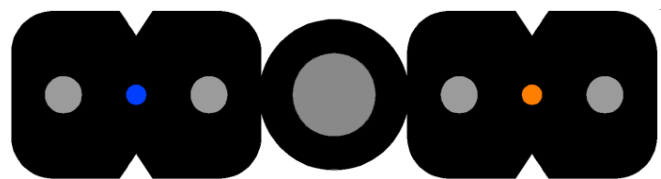
**Non-metallic Strength  
Member  
Self-supporting Bow-type Drop  
Cable**



**Multiple Bow-type  
Drop Cable**



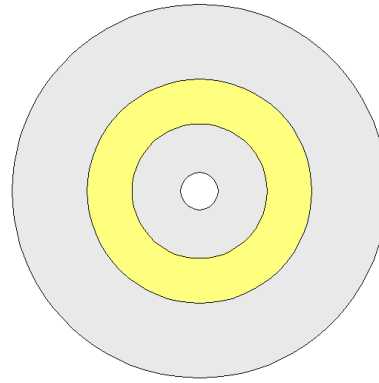
**Multiple Self-  
supporting Bow-type  
Drop Cable**



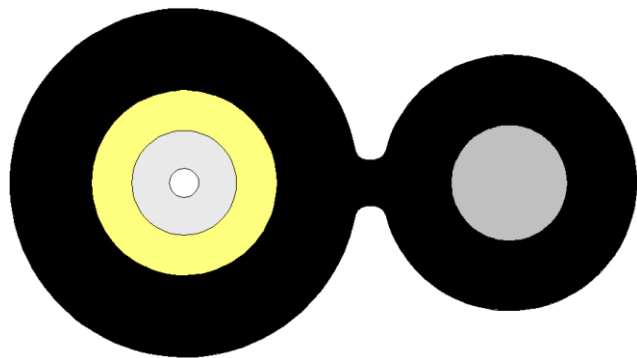
➤ **Application: Indoor And Outdoor Cabling, Pre-Terminated In The Factory.**



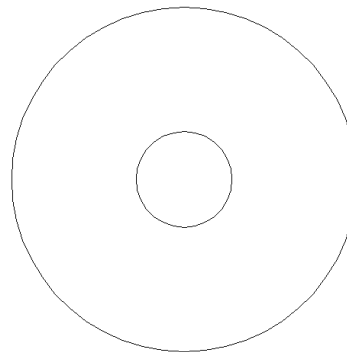
**Round-type Drop Cable**



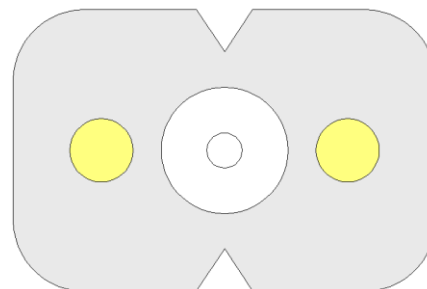
**Self-supporting Round-type Drop Cable**



**Invisible Tight Buffer Fiber**

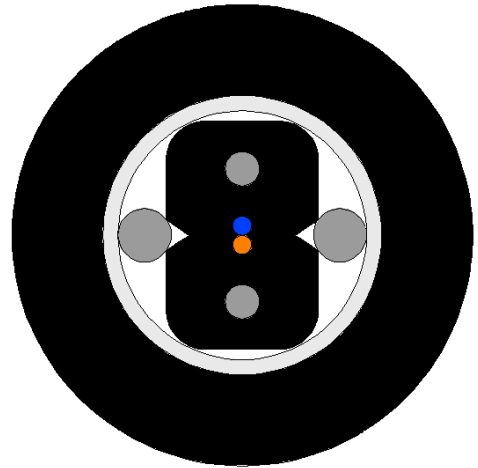


**Invisible Bow-type Drop Cable**

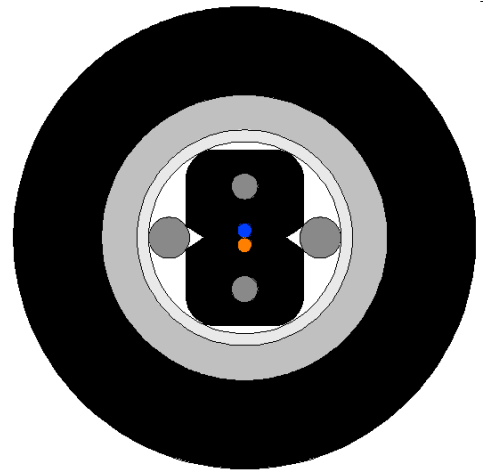


➤ **Application: Indoor and Outdoor Cabling, Pre-Terminated In The Factory.**

### **Bow-type Drop Cable for Duct**



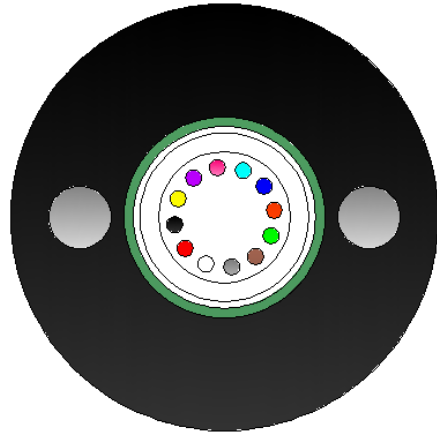
### **Armored Bow-type Drop Cable for Duct**



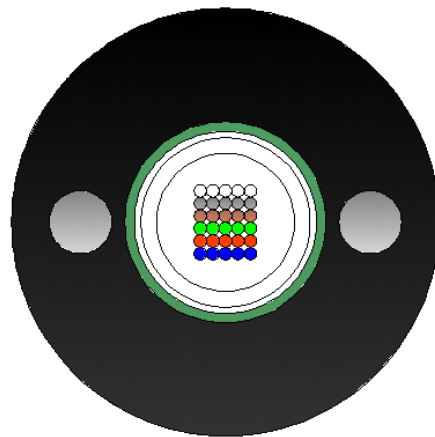
➤ **Application: Cabling in Duct, Pre-Terminated In The Factory.**

## Outdoor Fiber Optical Cable

**Uni-tube Light Armored  
Optical Cable (GYXTW)**

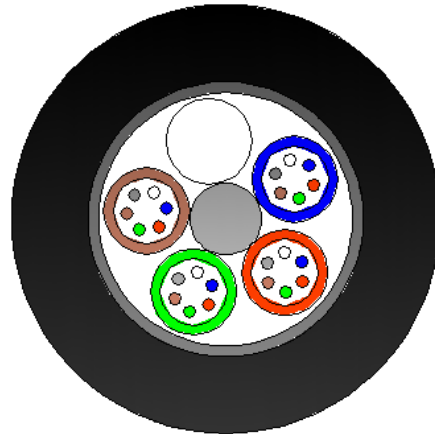


**Uni-tube Light Armored  
Ribbon Optical Cable  
(GYDXTW)**

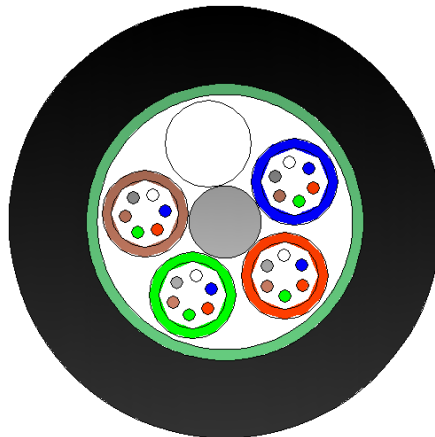


➤ Application: Pipe Line Cabling, Non-Self-Supporting Overhead Wiring.

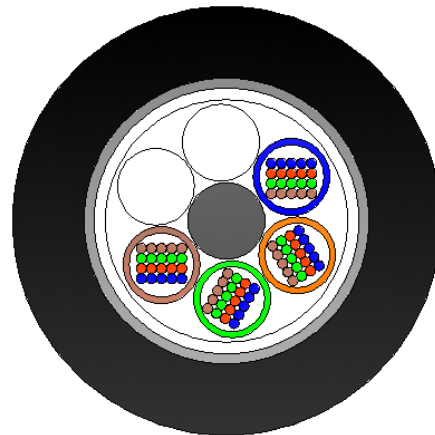
**Stranded Loose Tube  
Non-Armored Cable  
(GYTA)**



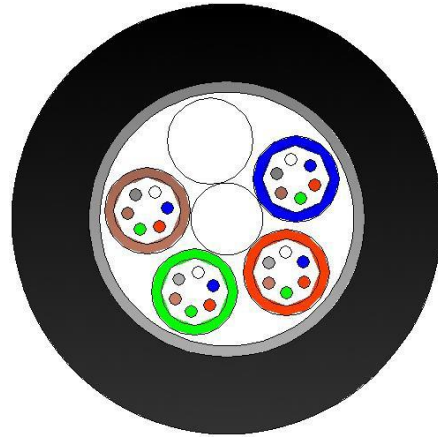
**Stranded Loose Tube  
Light Armored Cable  
(GYTS)**



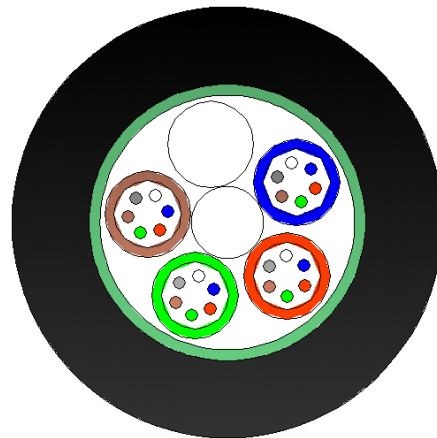
**Loose-Tube Stranded  
Aluminum Armored  
Ribbon Fiber Optical  
Cable (GYDTA)**



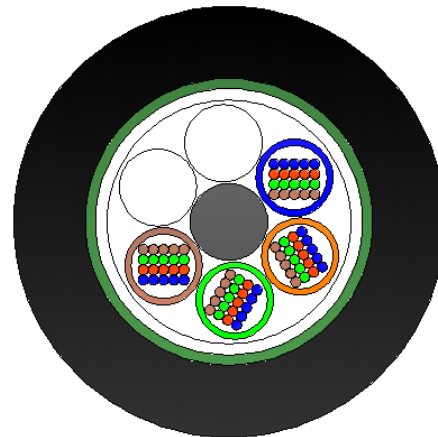
**Stranded Loose-tube  
Non-metallic Strength  
Member Aluminum  
Armored Cable  
(GYFTA)**



**Stranded Loose-tube  
Non-metallic Strength  
Member Steel  
Armored Cable  
(GYFTS)**



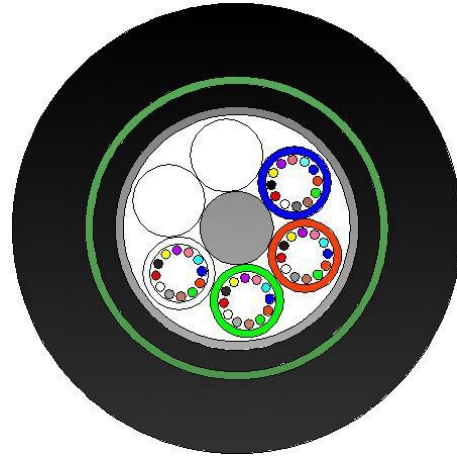
**Stranded Loose Tube  
Light Armored Ribbon  
Fiber Cable  
(GYDTS)**



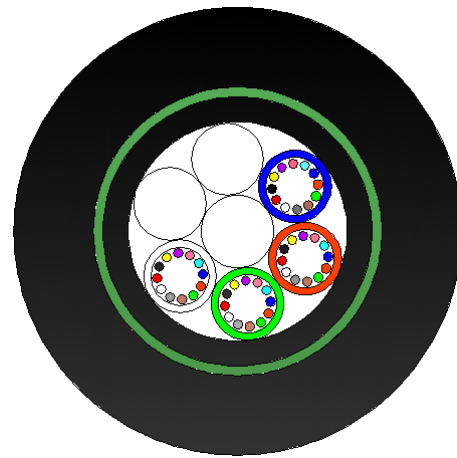
➤ **Application: Pipeline Cabling, Long Distance Communication and Central Office Communication.**



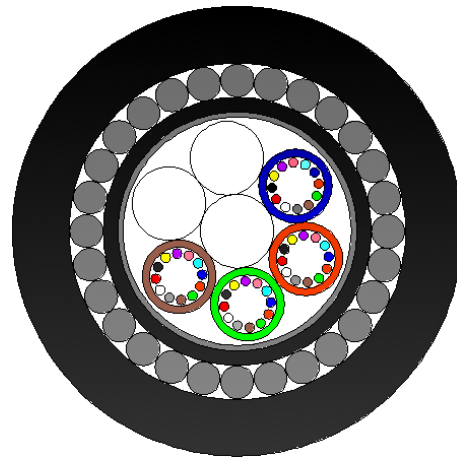
**Direct Buried Stranded  
Loose Tube Armored  
Cable  
(GYTA53)**



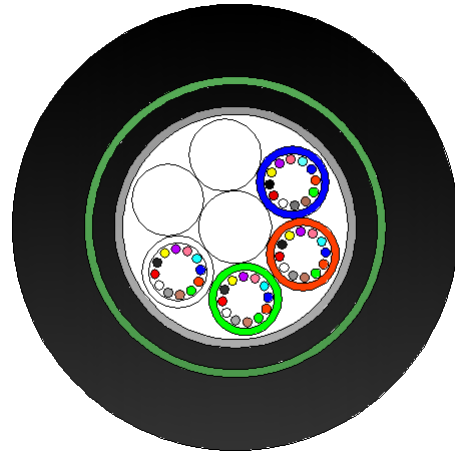
**Direct Buried Loose  
Tube Metallic Light  
Armored Optical Cable  
(GYTY53)**



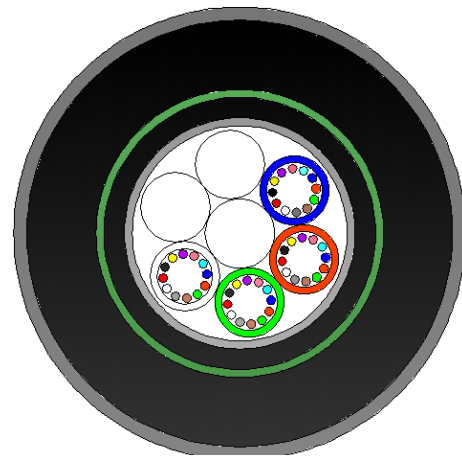
**Enhanced Directly  
Buried Stranded Loose  
Tube Armored Cable  
(GYTA33)**



**Stranded Loose Tube  
Non-metallic Strength  
Member Armored Cable  
(GYFTA53)**



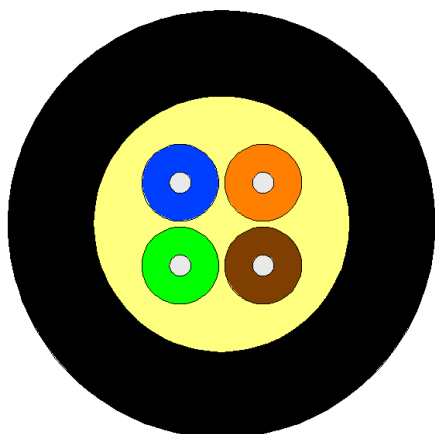
**Termite Proof Stranded  
Loose Tube Armored  
Cable (GYTA54)**



- **Application: Direct Buried Cabling, Long Distance Communication and Central Office Communication.**

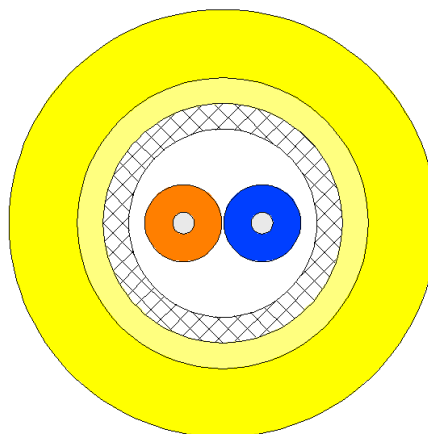
## Special Fiber Optical Cable

**Military Cable /RRU Cable**



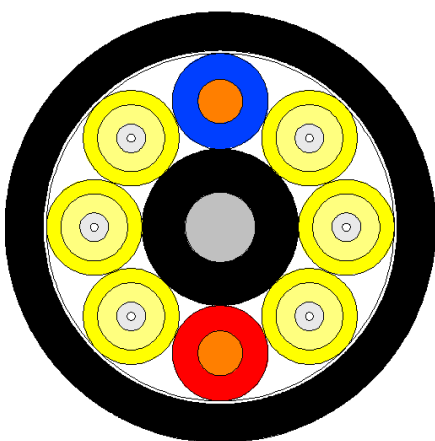
➤ Field, RRU,  
Emergency Cabling

**Helical Metal Tube Armored Cable**



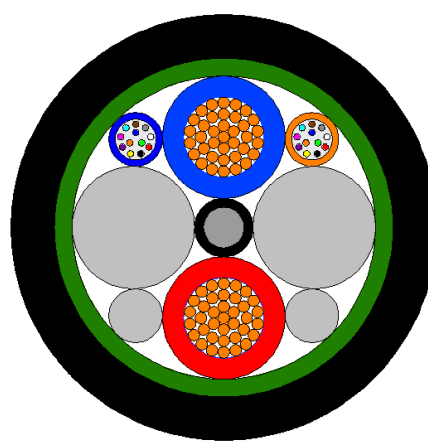
➤ Indoor cabling

**Indoor Optical and Electrical Hybrid Cable**



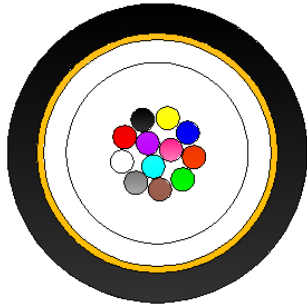
➤ Short Distance Cabling

**Outdoor Optical and Electrical Hybrid Cable**

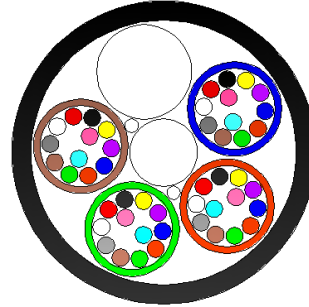


➤ Long Distance Cabling

### Uni-tube Air Blowing Cable

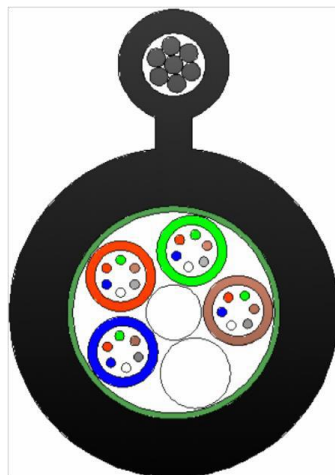


### Stranded Loose Tube Air Blowing Cable



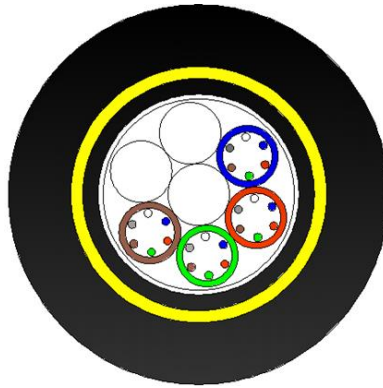
➤ Micro Pipeline Cabling

### Stranded Loose Tube Cable



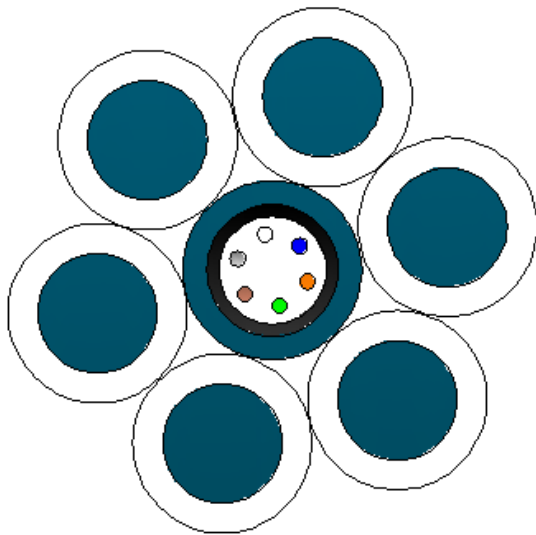
➤ Self-supporting Overhead Cabling

## All Dielectric Self-supporting Aerial Cable (ADSS)

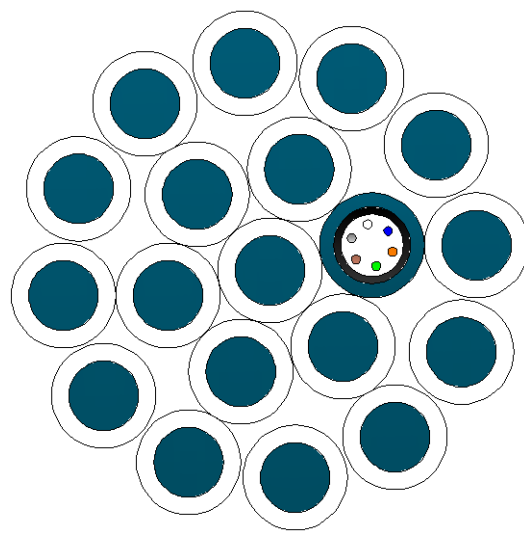


➤ Powerline Cabling

## Central Stainless-Steel Tube Type Fiber- Optic Composite Overhead Ground (OPGW)

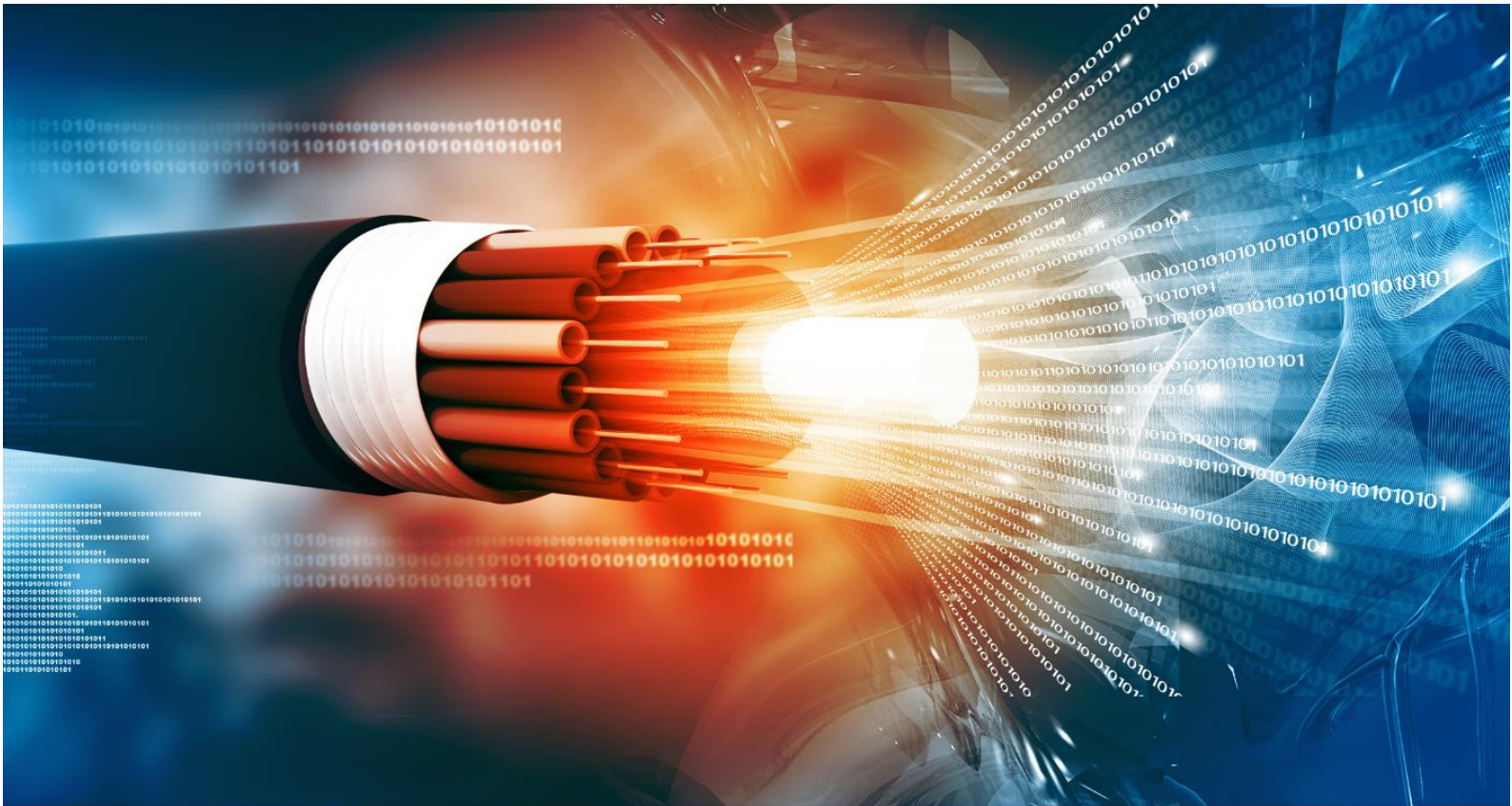


## Stranded Stainless Steel Tube Type Optical Fiber Composite Overhead Ground Wire (OPGW)



➤ Photoelectric Composite Cabling





# Contact us

**iEngineering Australia Pty. Ltd.**

T2A Nirimba Education  
Precinct Warawara Circuit,  
Quakers Hill, NSW 2736  
[bobby@iengaust.com.au](mailto:bobby@iengaust.com.au)  
Mobile: +61 (0)467 055 252  
Office: +61 (0)2 8320 7682

