

## FIBER-TO-THE-HOME

FTTH cables does have a compact cable construction with individually coloured optical fibers along with a strength member suitable for horizontal cabling applications. These cables are designed for last mile connectivity solutions as well as data centers, pole dropping, premise distribution, riser & plenum applications.

### > Variants

**Fig-8 | Aerial | Indoor & Outdoor**

### > Features



Water Blocked



UV Protected



Totally Dielectric



Distribution Network



Access Network



Duct Blowing

### > Applications

## COMPACT FIBER UNIT

CFU cables comes with easy strippable design specifically designed for air-blown applications using microduct systems in access networks. These high fiber count small diameter cables are ultra-light weight in nature. These cables are also installed along bridges, tunnels, indoor & outdoor cable conduits & also between poles & buildings.

### > Variants

**Duct Cable**

### > Features



Water Blocked



UV Protected



Totally Dielectric



Distribution Network



Access Network



Duct Blowing

### > Applications

## MICRODUCT

Microduct cables are installed by blowing, jetting or pushing & these cables can also utilize existing & new duct systems more effectively by accommodating more fibers in a given subduct network. These cables are typically used for Access/Metro as well as in distribution & last mile networks.

### > Variants

**Standard Microduct | Extra - Thin Microduct Ultra - Thin Microduct**

### > Features



Water Blocked



UV Protected



Compact Design



Distribution Network



Duct Blowing



Last Mile

### > Applications

## DISTRIBUTION

Distribution cables comes with all dielectric construction, hence requires no grounding or bonding. It also provides high-density connectivity, high reliability, easy to prepare for termination, easy installation & low cost. These cables are used in intra & inter building backbones & also in riser & plenum applications.

### > Variants

**Fig-8 | Simplex | Duplex | Flat & Round Drop | Riser**

### > Features



Flame Retardant



UV Protected



Totally Dielectric



Distribution Network



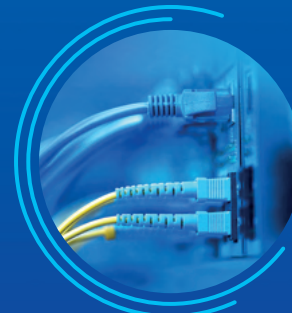
CATV Network



Last Mile

### > Applications

## OTHER BUSINESS VERTICALS



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HTL Ltd. (Subsidiary of HFCL Ltd.),  
No. 57, GST Road, Guindy,  
Chennai - 600032



# OPTICAL FIBER CABLES



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

## MICROMODULE

Micromodule cables are known to provide good flexibility & bending endurance along with its excellent mechanical & environmental properties. It offers a perfect solution for midspan accessibility of fibers without cutting the cable. These cables are used predominantly in FTTH G-PON & Outdoor applications.

### > Variants

**ADSS | Duct | Overhead ULW | Armoured**

### > Features



### > Applications

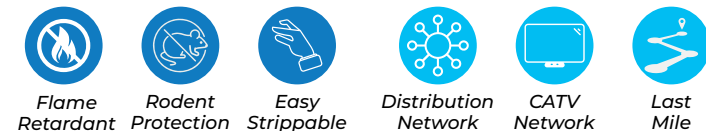
## FIRE RESISTANT

Fire Resistant cables will continue to function in the event of a fire and is also identified as a Circuit Integrity Cable. These cables can maintain safe operation for a certain period under flame-burning conditions. It is used in critical electrical circuits such as safety circuits & life support circuits which are required to function in case of fire outbreak.

### > Variants

**Unitube Indoor | Steel Wire Armoured | CPR Rated**

### > Features



### > Applications

## DEFENCE

Marine, Tactical & Torpedo Defence rugged cables provides unprecedented flexibility & durability coupled with high crush resistance. These cables are used in defence communication such as audio/video communication, navigation & sensing.

### > Variants

**Marine | Tactical | Torpedo**

### > Features



### > Applications

## DATA CENTER

Datacenter cables are known to provide high flexibility & excellent mechanical & environmental characteristics. These ultra high fiber count cables are easy to splice with big capacity data transmissions. It is predominantly used in Indoor cabling & FTTx backhaul connectivity applications.

### > Variants

**Fig-8 | Simplex | Duplex | Flat & Round Drop | Riser**

### > Features



### > Applications

## SPIRAL ARMoured

Spiral Armoured cables are made of either Nylon, LSZH or TPU jacket with flexible metal tube enclosed over the fiber having the aramid yarn as the strength member. These cables are known to provide good bending performance along with easy to splice shield options & can also withstand adverse weather conditions.

### > Variants

**Tight Buffer Spiral FTTA | Spiral Micromodule FTTA**

### > Features



### > Applications

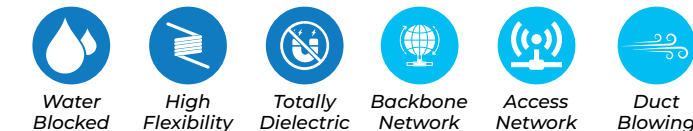
## AIR BLOWN

Air Blown cables comes with compact cable designs which contain high fiber density to maximize the fiber count available in a small cable diameter. These cables are typically deployed in congested areas such as metro applications, where duct space is very limited.

### > Variants

**PC/PBT/HDPE Micro | PC Nylon Micro PC/HDPE Micro**

### > Features



### > Applications

## AERIAL

Aerial cables are best suited as backbone in overhead applications. It is known to offer reliable transmission over a broad temperature range. These cables are installed pole-to-pole or lashed to existing infrastructure available for long medium & short span routes.

### > Variants

**Fig-8 | ADSS**

### > Features



### > Applications

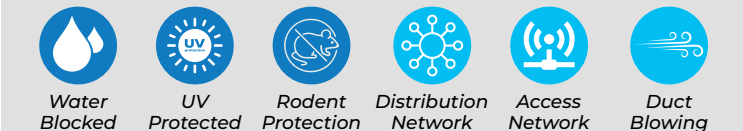
## UNDERGROUND

Underground cables are robust in construction coupled with high compressive strength & the armouring provides protection against rodents and other types of likely mechanical damage. These cables are typically installed in Outside Plant direct burial applications for backbone & access networks.

### > Variants

**Armoured | Unarmoured | Inter Bonded Ribbons**

### > Features



### > Applications