

FIBER-TO-THE-HOME

FTTH cables do 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

> Applications



Water Blocked



UV Protected



Totally Dielectric



Distribution Network



Access Network



Duct Blowing

COMPACT FIBER UNIT

CFU cables come 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

> Applications



Water Blocked



UV Protected



Totally Dielectric



Distribution Network



Access Network



Duct Blowing

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

> Applications



Water Blocked



UV Protected



Compact Design



Distribution Network



Duct Blowing



Last Mile

DISTRIBUTION

Distribution cables come 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

> Applications



Flame Retardant



UV Protected



Totally Dielectric



Distribution Network

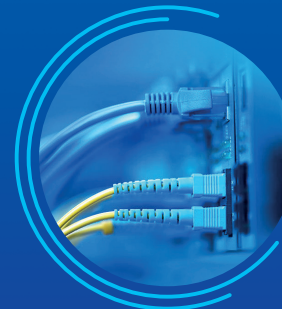


CATV Network



Last Mile

OTHER BUSINESS VERTICALS



PASSIVE CONNECTIVITY SOLUTIONS



WIRING HARNESS FOR AEROSPACE & DEFENCE



WIRING HARNESS FOR AUTOMOTIVE & INDUSTRIAL



CABLE REINFORCEMENT SOLUTIONS

CONTACT DETAILS

Om Prakash Saraswat

+91 9099050895

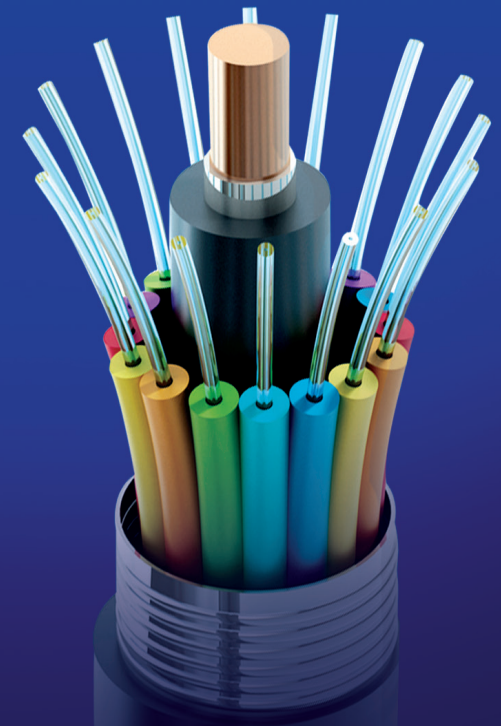
sales.htl@htllimited.com

Registered Office & Factory:

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



OPTICAL FIBER CABLES



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



Easy Strippable



UV Protected



High Flexibility



Data Center



Access Network



Last Mile

> 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



Flame Retardant



Rodent Protection
Easy Strippable



Distribution Network



CATV Network



Last Mile

> 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



Flame Retardant



High Crush



High Flexibility



Marine Platforms



Defence Communication



Torpedo Systems

> 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



Flame Retardant



UV Protected



Totally Dielectric



Data Center



CATV Network



Last Mile

> 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



Flame Retardant



Rodent Protection



High Flexibility



Access Network



Distribution Network



FTTA Application

> 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



Water Blocked



High Flexibility



Totally Dielectric



Backbone Network



Access Network



Duct Blowing

> 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



Flame Retardant



Rodent Protection



High Flexibility



Access Network



Distribution Network



FTTA Application

> 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



Water Blocked



UV Protected



Rodent Protection



Distribution Network



Access Network



Duct Blowing

> Applications