



PREMIER CABLES (PVT) LTD.

OFFICE: 43-E, BLOCK-6, P.E.C.H.S., BEHIND FEDEX, OFF. RAZI ROAD, SHAHRAH-E-FAISAL, KARACHI-75400, PAKISTAN.

☎ +92-21-34397771-5 📠 +92-21-34397779 ✉ premiercables@cyber.net.pk, sales@premiercables.net

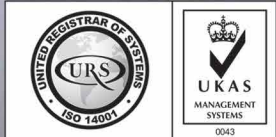
🌐 www.premiercables.net



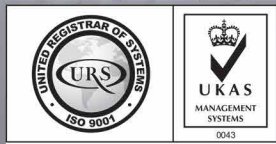
For Quality You Can Trust - Since 1964

Premier Cables
(Pvt) Limited

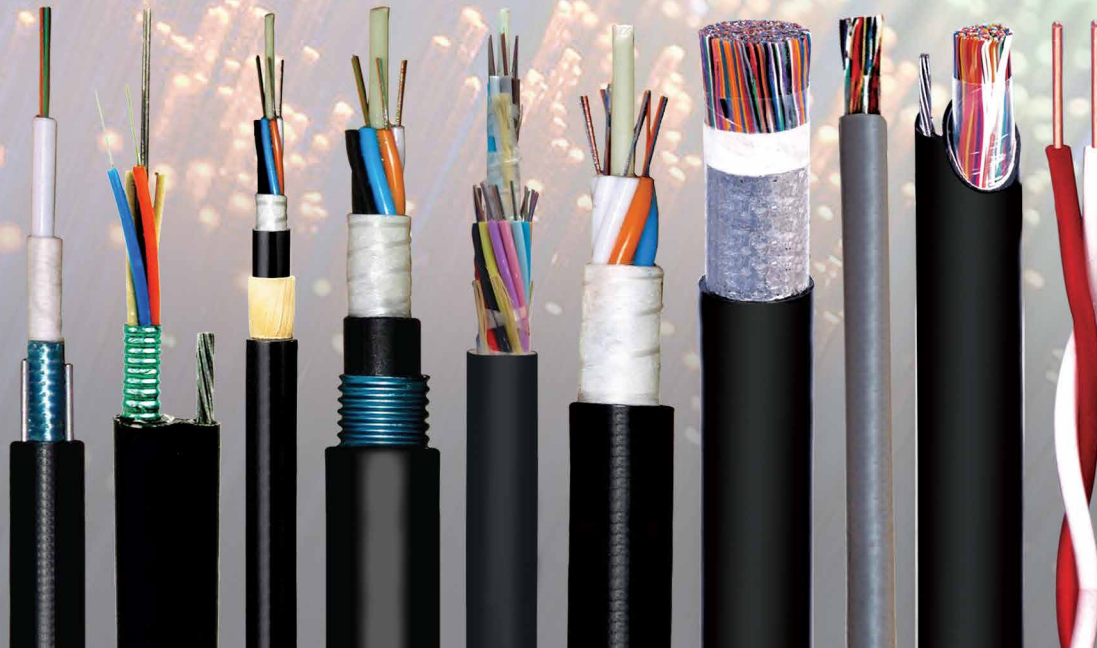
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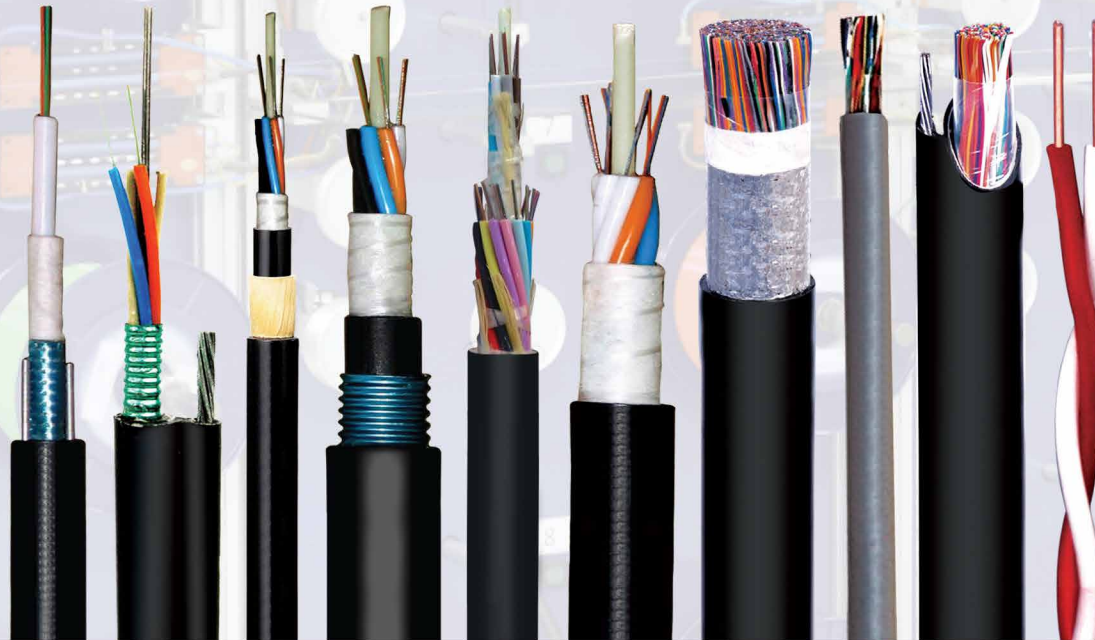
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● OPTICAL FIBER CABLES

● COPPER TELEPHONE CABLES



FOR QUALITY YOU CAN TRUST

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Mr. Muhammad Ismail Kasim (Late)

TO BEGIN WITH

INTRODUCTION

Established in 1964 by **Mr. Muhammad Ismail Kasim**, Premier Cables (Pvt) Limited is located at Federal “B” Industrial Area, Karachi, Pakistan with a working area measuring 13012 Sq. Meters.

Initially the Premier Cables (Pvt) Limited started manufacturing Electrical Wires & Cables, Telephone Cables, PVC Garden Pipes, PVC Compounding, Artificial Leather and supplying the same in to local and international market as well.

The year 1987 brought a revolutionary change in the Premier Cables (Pvt) Limited when the Company got specialization in manufacturing of high quality Jelly Filled Cables, Drop Wire, S.S. Aerial Cables, special insulated cables for the telecommunication industry, considerable expertise has since been developed in the manufacturing of Aircore and Filled Cables.

Premier Cables (Pvt) Limited is equipped with the latest state-of-art machineries and test equipments to manufacture Optical Fiber Cables, viz. Direct Buried Cable, Non-Metallic Duct Cable, High Fiber Count Non-Metallic Duct Cable, Fiber to the Home(FTTH) Indoor Cable, Fiber to the Home(FTTH) Outdoor Cable, Fiber to the Home(FTTH) Backbone Optical Fiber Cable, Central Loose Tube (Uni-Tube), Dielectric Self Supporting Cable (ADSS Cable), Indoor Premise Cable, Armoured Duct and Armoured Aerial Optical Cables. Company's unit has one of the most modern and high-tech plant to manufacture Optical Fiber Cables in Pakistan.

In addition to above products, Premier Cables (Pvt) Limited is also able to produce special cables to meet customers' specifications using different conductors, alternative insulation media, varying construction of sheath materials, different standard color coding and with special packaging, etc. It also maintains an appreciable stock of finished cable and quotes competitive delivery on non-stock items. We at Premier Cables (Pvt) Limited always look forward to discuss any other new development / special requirements with our valuable customers.

THE COMPANY



COMPANY

PREMIER CABLES (PVT) LTD. HEAD OFFICE

PREMIER CABLES (PVT) LTD.
43-E, BLOCK-6, P.E.C.H.S.,
BEHIND FEDEX,
OFF. RAZI ROAD, SHAHRAH-E-FAISAL,
KARACHI - 75400 - PAKISTAN
☎ +92(21)34397771-5 📠 +92(21)34397779
✉ premiercables@cyber.net.pk
sales@premiercables.net
🌐 www.premiercables.net

**DATE OF
COMMENCEMENT
OF BUSINESS
1964**

ISLAMABAD OFFICE
PREMIER HOUSE
HOUSE NO. 299, DOUBLE ROAD,
OPP. TANDOORI RESTAURANT,
SECTOR G-8/2,
ISLAMABAD, PAKISTAN.

☎ +92(51)2261001
📠 +92(51)2261002

Our Vision

"OUR VISION IS TO BE THE LEADING GLOBAL INNOVATOR, MANUFACTURER AND PROVIDER OF COMMUNICATION CABLES/PRODUCTS AND SERVICES THAT MEET THE UNIQUE NEEDS AND EXPECTATIONS OF EACH CUSTOMER".

Our Mission

OUR MISSION "BEING THE LEADING TELECOM CABLE MANUFACTURER DOES NOT MEAN BEING THE BIGGEST BUT IT DOES MEAN BEING THE BEST IN TERMS OF CONSUMER VALUE, CUSTOMER SERVICE WITH CONSISTENT GROWTH. WE MUST PURSUE EXCELLENCE AND CONTINUOUS IMPROVEMENT IN EVERYTHING WE DO".

CORE VALUES

Entrepreneurship

WE BELIEVE IN WORKING SOLELY ON THE BASIS OF EXCELLENCE, TAKING RISKS AND EXPLORING CREATIVE WAYS OF DOING THINGS, WITHIN THE SCOPE OF "MANAGEMENT BY OBJECTIVES".

Social Responsibility

WE PLACE GREAT IMPORTANCE ON GIVING BACK TO OUR COMMUNITIES AND THE NATION AS HELPING LESS PRIVILEGED IS JUST AS IMPORTANT AS BUSINESS SUCCESS.

Continuous Improvement

WE RELENTLESSLY PURSUE CONTINUOUS DEVELOPMENT IN PRODUCTS, PROJECTS, PROCESSES, FOLLOW-UPS, SERVICES AND DEFINE SUCCESS AS GETTING THE RIGHT THINGS DONE WELL.

Ownership

WE TAKE OWNERSHIP OF OUR CUSTOMER'S NEEDS AND REMAIN ACCOUNTABLE FOR ON TIME DELIVERY AND PROFESSIONAL SERVICE.

Efficiency

RAPID RESPONSE TO OUR CUSTOMERS AND FAST EXECUTION OF THEIR DEMANDS ARE OUR WINNING INSTINCTS.

OUR OPERATIONS AT A GLANCE

- 5 DECADES IN BUSINESS.
- SERVED LEADING PRIVATE AND PUBLIC SECTOR ORGANIZATIONS.
- MAJOR MARKET SHARE IN PAKISTAN TELECOMMUNICATION MARKET.
- EXPORTING OFC & COPPER TELECOM CABLES TO GCCE & AFRICAN COUNTRIES, SINCE 1968.
- PAKISTAN'S ONLY APPROVED MANUFACTURER OF OFC FOR ETISALAT, U.A.E & SAUDI TELECOM COMPANY (STC), K.S.A.
- EQUIPPED WITH STATE OF THE ART MACHINERIES AND TEST EQUIPMENTS.

QUALITY & ENVIRONMENTAL CONTROL

All the products manufactured by Premier Cables (Pvt) Ltd are thoroughly tested prior to their dispatch from the factory. All such records / results are recorded and available on request. Director Technical is responsible for the overall quality control of all products while day to day affairs and checking is supervised by a Quality Controller.

ISO 9001 & 14001

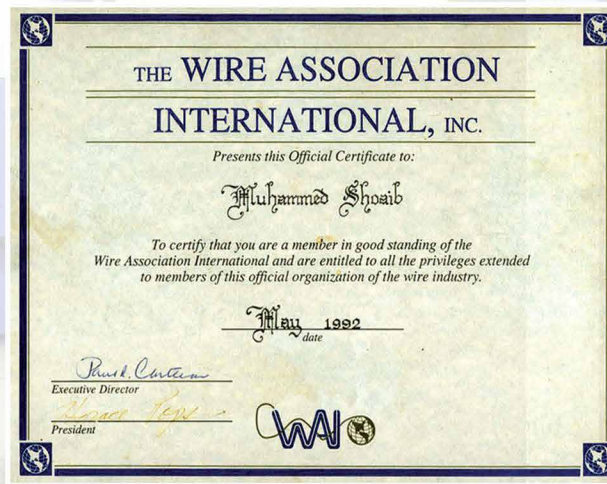
Premier Cables (Pvt) Ltd. have been awarded ISO Certificates on latest standards i.e, ISO 9001 and ISO 14001 by United Registrar System Ltd., Head Office in United Kingdom.

This certification aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system, assurance of conformity to customer and applicable requirements.

On time delivery and after sale service is also ensured.

Quality & Environmental Control

At Premier Cables (Pvt) Ltd. quality is our first priority. We always look for quality in products and services, in our working practices, with our customers and suppliers. We pursue excellence and continuous improvement in everything we do.



INTERNATIONAL TYPE APPROVALS

شهادة اعتماد النوعية
TYPE APPROVAL CERTIFICATE

STC
الاتصالات السعودية

شاهد شركة الاتصالات السعودية أن شركة أنظمة الاتصالات والحلول للأمنية لكم اعتمادها في المواد الموضحة أدناه لمطابقتها للمواصفات الفنية :-

Item No	Mat. No	Description Ar	Description En	Manufacturer	Country
1	2706180300018	كابل ألياف زجاجية - ألياف البلاك - خارجي (مضاد) - 24 شعرة	Cable, Fiber Optic, Single Mode(SM), Outdoor(Buried), 24 Fibers	Premier Cables	Pakistan
2	2706180300044	كابل ألياف زجاجية - ألياف البلاك - خارجي (مضاد) - 48 شعرة	Cable, Fiber Optic, Single Mode(SM), Outdoor(Buried), 48 Fibers	Premier Cables	Pakistan
3	2706180300048	كابل ألياف زجاجية - ألياف البلاك - خارجي (مضاد) - 96 شعرة	Cable, Fiber Optic, Single Mode(SM), Outdoor(Buried), 96 Fibers	Premier Cables	Pakistan
4	2706180300053	كابل ألياف زجاجية - ألياف البلاك - خارجي (مضاد) - 144 شعرة	Cable, Fiber Optic, Single Mode(SM), Outdoor(Buried), 144 Fibers	Premier Cables	Pakistan

Recommended By **أوصى بها** **رئيس قسم المواصفات والمعايير**
Type Approval Section Manager
Specs & Standardization Section Manager

Approved By **اعتمدها** **مدير إدارة وتكامل الشبكة الثابتة والموبايل**
Fixed Network and ISP Integration Director

Very Important
This certificate (Type Approval) has been granted for the provided sample, with the material of standard responsibility on the supplier in case supplying the "STC" hardware is what is necessary in the requirements of the approved technical specification of the material.

مهم جداً
لمنح هذه الشهادة (اعتماد النوعية) تم اعتمادها مع هذه المواصفات الفنية الخاصة مع (المورد) مع مسؤولية المورد في حال عدم مطابقة المواصفات الفنية المحددة للشبكة الثابتة والموبايل.

ملاحظة:
إن استلام هذه الشهادة يعتبر تعهداً من المورد بأنواعه ومواصفاته الفنية الخاصة في الخارج هذه الشهادة لا تعهد بها المورد بحدودها.

ملاحظة:
هذا مرسوم من قبل وزارة الاتصالات وتكنولوجيا المعلومات.

تاريخ الإصدار: 01/05/1420H

TO WHOM IT MAY CONCERN

This is to confirm that M/s. PREMIER CABLES (PVT) LTD, KARACHI, PAKISTAN, is an approved supplier for "Fibre Optic Cables".

This certificate is issued as per their request and without any obligation on Etisalat.

Thanking you,

OMAR YACUB
DIRECTOR/PROCUREMENT

الاتصالات
etisalat

C&A/SCM/DP/TL-PI/3326/2014
06th November 2014

شهادة اعتماد النوعية
TYPE APPROVAL CERTIFICATE

STC
الاتصالات السعودية

شاهد شركة الاتصالات السعودية أن شركة / مؤسسة أنظمة الاتصالات والحلول للأمنية تم اعتمادها في المواد الموضحة أدناه لمطابقتها للمواصفات الفنية :-

Item No	Mat. No	Description Ar	Description En	Manufacturer	Country
1	2706180300072	كابل ألياف زجاجية - ألياف البلاك - خارجي (مضاد) - 4 شعرة	Fiber Optic Cable, SM, (Mini-Central tube-Duct), 4 Fiber	Premier Cables Pvt. Pakistan Ltd.	Pakistan
2	2706180300055	كابل ألياف زجاجية - ألياف البلاك - خارجي (مضاد) - 12 شعرة	Fiber Optic Cable, SM, (Mini-Central tube-Duct), 12 Fiber	Premier Cables Pvt. Pakistan Ltd.	Pakistan
3	2706180300056	كابل ألياف زجاجية - ألياف البلاك - خارجي (مضاد) - 24 شعرة	Fiber Optic Cable, SM, (Mini-Central tube-Duct), 24 Fiber	Premier Cables Pvt. Pakistan Ltd.	Pakistan

Recommended By **أوصى بها** **رئيس قسم المواصفات والمعايير**
Materials & Type Approval Division Manager
Specs & Standardization Section Manager

Approved By **اعتمدها** **مدير إدارة تنفيذ الشبكات**
Implementation Department Director

Very Important
This certificate (Type Approval) has been granted for the provided sample, with the material of standard responsibility on the supplier in case supplying the "STC" hardware is what is necessary in the requirements of the approved technical specification of the material.



مهم جداً
لمنح هذه الشهادة (اعتماد النوعية) تم اعتمادها مع هذه المواصفات الفنية الخاصة مع (المورد) مع مسؤولية المورد في حال عدم مطابقة المواصفات الفنية المحددة للشبكة الثابتة والموبايل.

ملاحظة:
إن استلام هذه الشهادة يعتبر تعهداً من المورد بأنواعه ومواصفاته الفنية الخاصة في الخارج هذه الشهادة لا تعهد بها المورد بحدودها.

ملاحظة:
هذا مرسوم من قبل وزارة الاتصالات وتكنولوجيا المعلومات.

















تاريخ الإصدار: 01/05/1420H

CUSTOMER PORTFOLIO

S.No	COMPANY NAME	LOGO	S.No	COMPANY NAME	LOGO	S.No	COMPANY NAME	LOGO
1	PAKISTAN TELECOMMUNICATION COMPANY LTD (PTCL)		7	FATIMA FERTILIZERS		13	PAKISTAN PETROLIUM LIMITED (PPL)	
2	NATIONAL TELECOMMUNICATION CORPORATION (NTC)		8	WATER AND POWER DEVELOPMENT AUTHORITY (WAPDA)		14	AGA KHAN UNIVERSITY HOSPITAL	
3	SPECIAL COMMUNICATION ORGANIZATION (SCO)		9	PAKISTAN INTERNATIONAL AIRLINES (PIA)		15	OMV PAKISTAN	
4	TELECOM FOUNDATION (TF)		10	ENGRO CHEMICAL PAKISTAN LIMITED		16	MOL PAKISTAN	
5	SUPARCO		11	PAKISTAN OIL FIELDS		17	PAK ARAB PIPELINE COMPANY LIMITED (PAPCO)	
6	K-ELECTRIC LIMITED		12	OIL & GAS DEVELOPMENT COMPANY (OGDCL)				

CUSTOMER PORTFOLIO

EXPORTS

S.No	COMPANY NAME	LOGO	S.No	COMPANY NAME	LOGO	S.No	COMPANY NAME	LOGO
1	WATEEN TELECOM LIMITED		7	KONNECT HOLDEN (PVT) LTD (KHL)		1	ETISALAT UAE	
2	MOBILINK (PMCL)		8	HUAWEI TECHNOLOGIES PAKISTAN (PVT) LTD		2	COMMEA GROUP - RIYADH, KSA.	
3	MULTINET PAKISTAN (PVT) LTD		9	ZHONGXING TELECOM PAKISTAN (PVT) LTD (ZTE)		3	SAUDI TELECOM COMPANY (STC) KSA	
4	CYBER INTERNET SERVICES		10	SUPERNET LIMITED		4	MCIT - AFGHANISTAN	
5	NAYATEL PVT LTD		11	IBRAHIM FIBRES		5	STEMIA AFRICA	
6	WORLDCALL TELECOM LIMITED		AND MANY OTHER TELECOM COMPANIES			AND MANY OTHER GULF COUNTRIES		



PRODUCT PORTFOLIO OF OPTICAL FIBER CABLES

1. DIRECT BURIED OPTICAL FIBER CABLES

This cable has been designed for long-haul transmission networks. The fiber count can range from 4-144. Fiber type can be G. 652, G. 655 or a combination based on customers needs. This types of construction fulfill all the requirements of TR109 of Pakistan Telecommunication Company Limited (PTCL) / any other required specifications. The cable construction is stranded loose tube type. The stranded loose tubes contains thixotropic jelly but the cable core is based on dry-block construction. A jelly filled version in which cable core is filled can also be offered, if required by the customers. Similarly, water penetration in the gap between inner sheathing and corrugated steel tape can be blocked by both dry block or flooding jellies depending upon the customer preference.

2. NON-METALLIC DUCT OPTICAL FIBER CABLES

The cable is designed for metropolitan networks and is laid in the Ducts, it is available upto 144 Fibers. The customer can select the fiber count and fiber type based on its requirement. A maximum fiber count of 144 is possible. Since this cable has to be pulled in ducts, the cable has been designed at a higher tensile strength. If ducts are not available direct burial version is also available. The stranded loose tubes contain thixotropic jelly but the cable core is based on dry-block construction. A jelly filled version in which cable core is filled can also be offered, if required by the customers. Cable core is based on dry-block construction.

3. SELF SUPPORTING AERIAL OPTICAL FIBER CABLES

4. CENTRAL LOOSE TUBE (UNI-TUBE)

This cable has been designed for LANs and other low fiber count applications. It is

based on central loose tube construction. This construction significantly reduces the diameter and the cost of the cable. Unlike the previous cable designs where the strength member is:

- CENTRAL LOOSE TUBE (CLT)
- FIG. 8 SELF SUPPORTING CENTRAL LOOSE TUBE
- MINI CENTRAL TUBE DUCT

5. SPECIAL CABLES

- ALL DIELECTRIC SELF SUPPORTING (ADSS) AERIAL CABLE
- PREMIUM DIRECT BURIED (HIGH TENSILE STRENGTH)
- TRIPLE JACKET(DOUBLE ARMORED) DIRECT BURIED

6. FIBER TO THE HOME (FTTH) CABLES

- FIBER TO THE HOME (FTTH) BACKBONE OPTICAL FIBER CABLE
- FIBER TO THE HOME (FTTH) OUTDOOR CABLE
- FIBER TO THE HOME (FTTH) INDOOR DROP CABLE
- FIBER TO THE HOME (FTTH) OUTDOOR CABLE WITH MESSENGER WIRE
- FIBER TO THE HOME (FTTH) DROP OUTDOOR CABLE (ROUND PROFILE)
- FIBER TO THE HOME (FTTH) DROP RIBBON CABLE

7. INDOOR PREMISES CABLES

- SIMPLEX ROUND INDOOR CABLE
- DUPLEX INDOOR CABLE
- DISTRIBUTION CABLE (ROUND)





DIRECT BURIED OPTICAL FIBER CABLE

AS PER INTERNATIONAL SPECIFICATIONS

APPLICATION AND KEY FEATURES

APPLICATIONS:

**LONG-HAUL TRANSMISSION
NETWORKS, SCADA NETWORKS,
METROPOLITAN NETWORKS**

RECOMMENDED INSTALLATION PROCEDURE:

DIRECT BURIAL

CABLE CONSTRUCTION:

**STRANDED LOOSE TUBE
(DRY BLOCK TYPE)***

FIBER COUNT:

UP TO 144

FIBER TYPE:

G.652.D & G.655.C

RODENT AND MECHANICAL PROTECTION:

**COPOLYMER COATED CORRUGATED
STEEL TAPE & DOUBLE SHEATHS**

PHYSICAL PROPERTIES:

**GOOD MECHANICAL & TEMPERATURE
PERFORMANCE**

***Jelly filled construction can be manufactured on customer's request.**

CROSS SECTION



Polyester Binding Yarn
Inner Sheath
Water Swellable Tape
Identification Tape
Flooding Compound
Water Swellable Yarn

Loose Tube - PBT
Colored Optic Fibers
Thixotropic Jelly
Corrugated Steel Tape
Outer Sheath
Central Strength Member

KEY SPECIFICATIONS FOR DIRECT BURRIED CABLE

S.NO.	Descriptions	Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35 dB/km
		at 1550nm	≤ 0.21 dB/km
2	PMD Coefficient	≤ 0.20	ps/ $\sqrt{\text{km}}$
3	Tensile Strength	3000	N
4	Crush Strength	2500	N
5	Minimum Cable Bending Radius	20 x Cable OD	-
6	Operating Temperature Range	-10 TO +70	°C

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



NON-METALLIC DUCT OPTICAL FIBER CABLE AS PER INTERNATIONAL SPECIFICATIONS

APPLICATION AND KEY FEATURES

APPLICATION :

METROPOLITAN NETWORKS

RECOMMENDED INSTALLATION
PROCEDURE :

AIR BLOWING AND
PULLING IN DUCTS

CABLE CONSTRUCTION :

STRANDED LOOSE TUBE (DRY BLOCK TYPE)*

FIBER COUNT :

UPTO 144

FIBER TYPE :

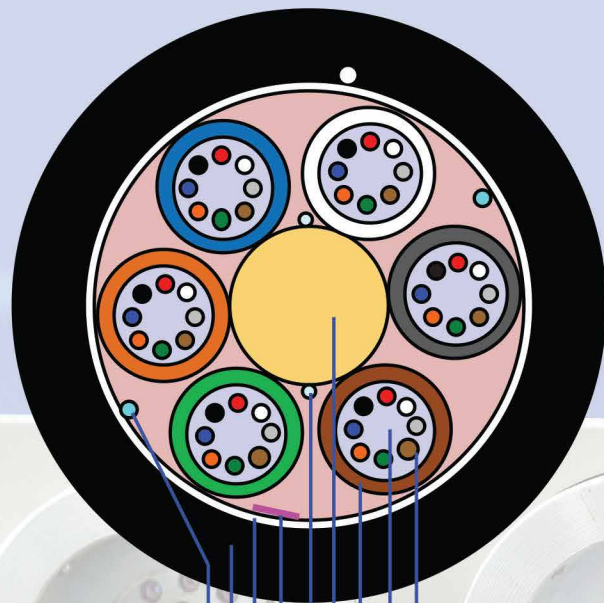
G.652.D & G.655.C

PHYSICAL PROPERTIES :

LIGHT WEIGHT AND FLEXIBLE

*Jelly filled construction can be manufactured on customer's request.

CROSS SECTION



Polyester Binding Yarn
 Outer Sheath
 Water Swellable Tape
 Identification Tape
 Water Blocking Yarn
 Colored Optic Fibers
 Thixotropic Jelly
 Loose Tube - PBT
 Central Strength Member

KEY SPECIFICATIONS FOR NON METALLIC DUCT CABLE

S.NO.	Descriptions	Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35 dB/km
		at 1550nm	≤ 0.21 dB/km
2	PMD Coefficient	≤ 0.20	ps/km
3	Tensile Strength	3000	N
4	Crush Strength	2500	N
5	Minimum Cable Bending Radius	20 x Cable OD	-
6	Operating Temperature Range	-10 TO +70	°C

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.





SELF SUPPORTING AERIAL OPTICAL FIBER CABLE

CONFORMING INTERNATIONAL SPECIFICATIONS

APPLICATION AND KEY FEATURES

EXCELLENT OPTICAL, MECHANICAL & ENVIRONMENTAL PERFORMANCE
CENTRAL STRENGTH MEMBER – DIELECTRIC TYPE FIBER REINFORCED PLASTIC
DRY BLOCK CONSTRUCTION
VERY HIGH TENSILE STRENGTH
HIGH CRUSH STRENGTH
AERIAL APPLICATION
APPLICATION IN LAN, WAN AND OTHER COMMUNICATION SYSTEMS
HIGH STRENGTH MESSENGER WIRE TO GIVE EXTRA STRENGTH
EASY TO CLAMP AND INSTALL
BEARS ICE LOADS & HIGH WIND PRESSURES
FAST TRACK INSTALLATIONS
SOLUTIONS FOR RIGHT OF WAY (ROW) ISSUES

RECOMMENDED INSTALLATION PROCEDURE: AERIAL

CABLE CONSTRUCTION: STRANDED LOOSE TUBE

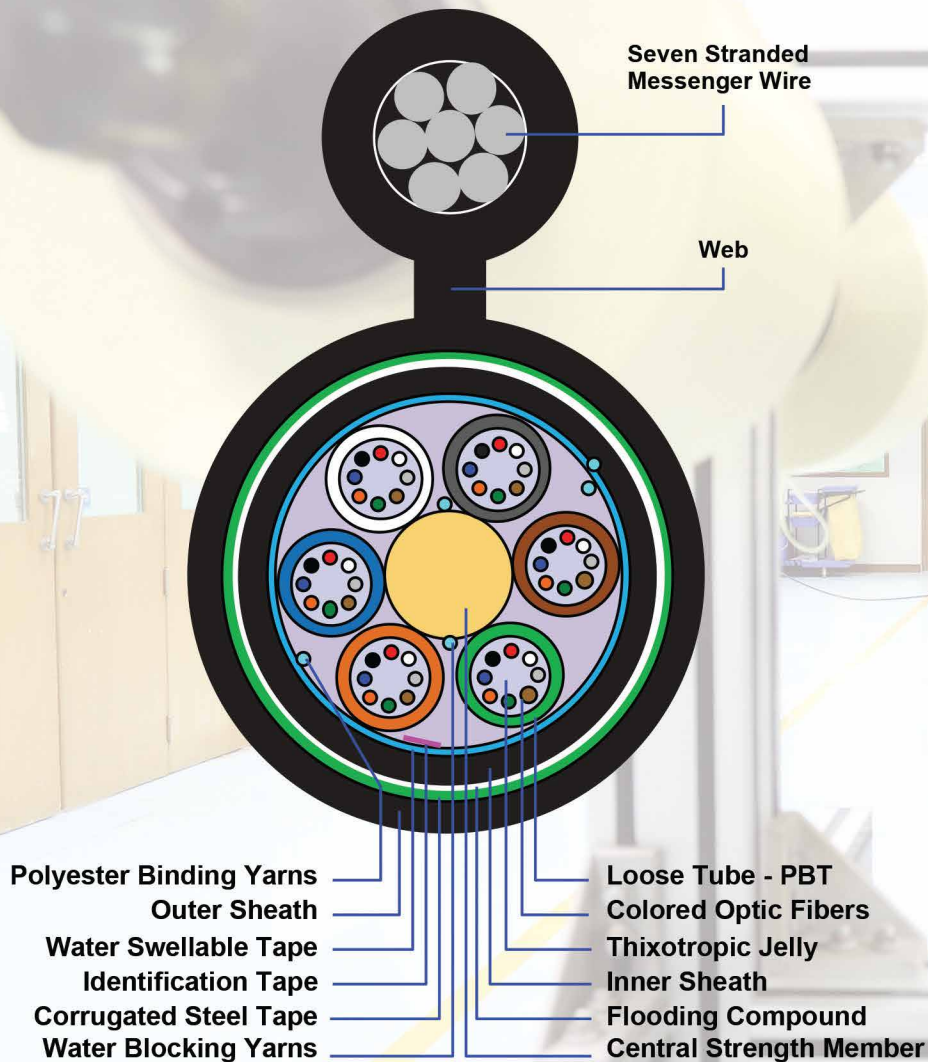
FIBER COUNT: UP TO 72 FIBERS

FIBER TYPE: G.652.D & G.655.C

PHYSICAL PROPERTIES: HIGH STRENGTH & EASY TO INSTALL

NOMINAL CABLE DELIVERY LENGTH (KM) 2 KM OR 4 KM \pm 3%

CROSS SECTION



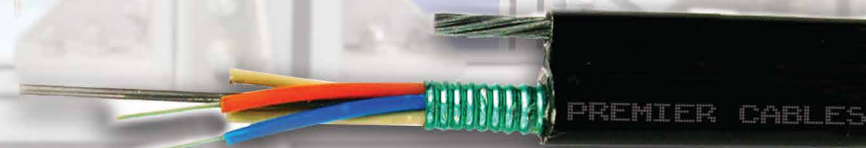
KEY SPECIFICATIONS FOR SELF SUPPORTING AERIAL CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/√km
3	Tensile Strength		4000	N
4	Crush Strength		2500	N
5	Minimum Cable Bending Radius		20 x Cable OD	-
6	Operating Temperature Range		-10 TO +70	°C

Note :

Also Available in Composite Fiber Construction & without Armoring.
For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



CENTRAL LOOSE TUBE CABLE (UNI TUBE)

APPLICATION AND KEY FEATURES

APPLICATIONS:

CATV & SIMILAR APPLICATIONS

RECOMMENDED INSTALLATION PROCEDURE:

DIRECT BURIAL,
PULLING IN DUCTS AND AERIAL
APPLICATION

CABLE CONSTRUCTIONS:

SINGLE TUBE
(DRY BLOCK TYPE)

FIBER COUNT:

2 UPTO 24

FIBER TYPE:

G.652.D & G.655.C

PHYSICAL PROPERTIES:

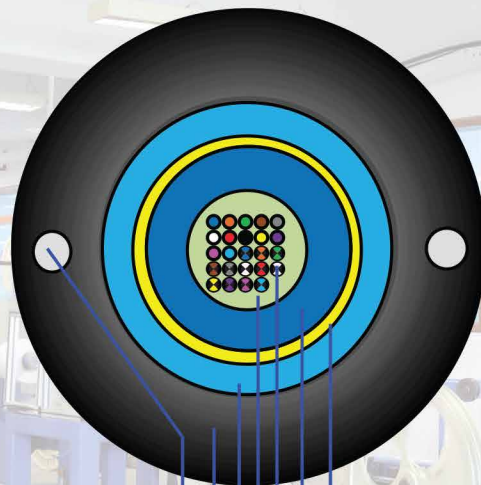
LIGHT WEIGHT AND FLEXIBLE

SALIENT FEATURES:

Central Loose Tube construction. Small diameters compare to other constructions. Corrugated Steel Tape as protection against mechanical damages. Two phosphorus coated steel wires provide necessary tensile strength.

High Tensile can be achieved by using aramid yarn. Specifications can be modified according to customer's application and need.

CROSS SECTION



Strength Member
(High Tensile Strength Steel Wires)

Outer Sheath (HDPE)

Steel Tape Armor
(Corrugated Co-Polymer Coated)

Thixotropic Jelly

Water Swellable Yarns

Loose Tube - PBT

Standard Colored Optical Fibers (1-12)
Ring Marked Colored Optical Fibers (13-24)

KEY SPECIFICATIONS FOR CENTRAL LOOSE TUBE CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/ $\sqrt{\text{km}}$
3	Tensile Strength	Operating	800	N
		Installation	1200	N
4	Crush Strength		1000	N
5	Minimum Cable Bending Radius		20 x Cable OD	—
6	Operating Temperature Range		-10 TO +70	$^{\circ}\text{C}$
7	Max. Span Length		70	Meters

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt.) Ltd.

Specifications can be modified according to customer's application and need.

CENTRAL LOOSE TUBE FIG-8 SELF SUPPORTING

CONFORMING INTERNATIONAL SPECIFICATIONS
AND STANDARDS

APPLICATION AND KEY FEATURES

APPLICATIONS:

CABLE TELEVISION, SIMILAR
APPLICATIONS & LAST MILE SOLUTIONS.

RECOMMENDED INSTALLATION PROCEDURE:

AERIAL APPLICATION &
OTHER REQUIREMENTS,
SELF SUPPORTING CABLE

CABLE CONSTRUCTION:

SINGLE TUBE (DRY BLOCK TYPE)

FIBER COUNT:

2 UPTO 24

FIBER TYPE:

G.652.D & G.655.C

PHYSICAL PROPERTIES:

SELF-SUPPORTING WITH MESSENGER
WIRE, STRONG MECHANICAL
CHARACTERISTICS



CROSS SECTION



Messenger Wire

Web

Outer Sheath

Steel Tape Armor

Thixotropic Jelly

Water Swellable Tape / Water Swellable Yarn

Loose Tube – PBT

Standard Colored Optical Fibers(1-12)

Ring Marked Colored Optical Fibers(13-24)

KEY SPECIFICATIONS FOR CENTRAL LOOSE TUBE SELF SUPPORTING CABLE

S. NO.	Descriptions	Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35
		at 1550nm	≤ 0.21
2	PMD Coefficient	≤ 0.20	ps/ $\sqrt{\text{km}}$
3	Tensile Strength	2200	N
4	Crush Strength	1000	N
5	Operating Temperature Range	-10 TO +70	$^{\circ}\text{C}$

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



MINI CENTRAL TUBE DUCT

CONFORMING INTERNATIONAL
SPECIFICATIONS AND STANDARDS

APPLICATION AND KEY FEATURES

APPLICATIONS:

OUTDOOR AND INDOOR

RECOMMENDED INSTALLATION PROCEDURE:

PULLING IN DUCTS AND AERIAL APPLICATION

CABLE CONSTRUCTION:

SINGLE TUBE (DRY BLOCK TYPE)

FIBER COUNT:

2 UPTO 24

FIBER TYPE:

G.652.D & G.657

PHYSICAL PROPERTIES:

EASY INSTALLATION, LIGHT & FLEXIBLE

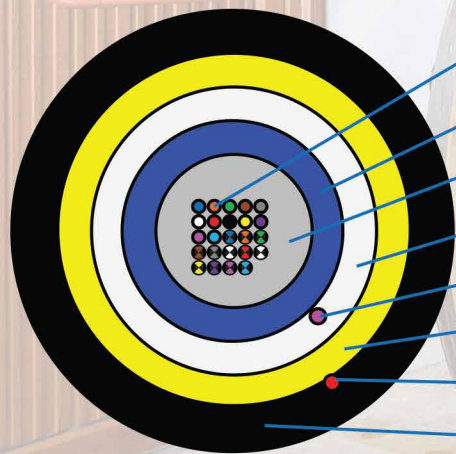
CROSS SECTION

KEY SPECIFICATIONS FOR MINI CENTRAL TUBE DUCT CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/√km
3	Tensile Strength		100	N
4	Crush		500	N
5	Operating Temperature Range		-10 TO +70	°C

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



STANDARD COLORED OPTICAL FIBERS (1-12)
RING MARKED COLORED OPTICAL FIBERS (13-24)

LOOSE TUBES (PBT)

THIXOTROPIC JELLY


WATER BLOCKING (SWELLABLE) TAPE

BINDER YARN

PSM (ARAMID YARN)

RIPCORD

PE SHEATH (HDPE)



ALL DIELECTRIC SELF SUPPORTING (ADSS) AERIAL CABLE

APPLICATION AND KEY FEATURES

APPLICATIONS:

IT IS ALL DIELECTRIC SELF-SUPPORTING AERIAL CABLE FOR AERIAL INSTALLATION IN THE NETWORK, FOR INSTALLATION ALONG HIGH POWER DISTRIBUTION LINES

RECOMMENDED INSTALLATION PROCEDURE:

AERIAL

CABLE CONSTRUCTION:

STRANDED LOOSE TUBE (DRY BLOCK TYPE)*

FIBER COUNT:

UPTO 72

FIBER TYPE:

G.652.D & G.655.C

RODENT RESISTANT & PROTECTION:

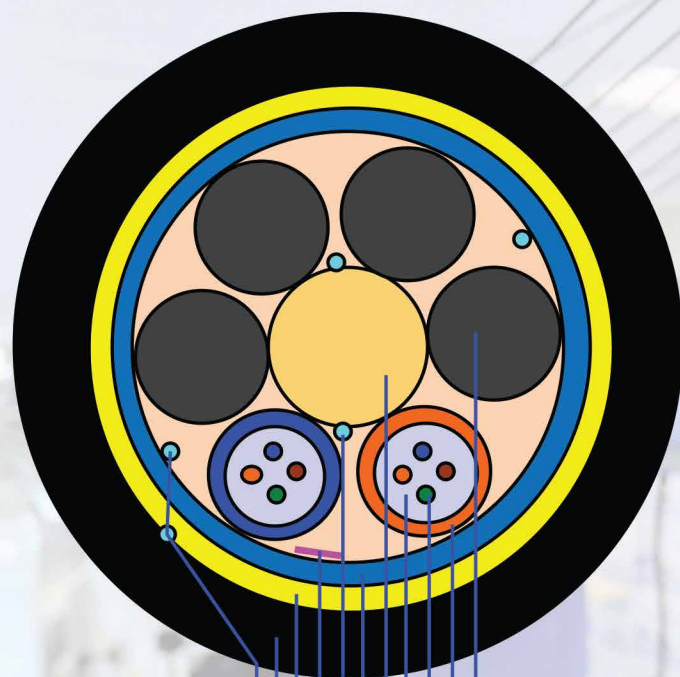
DESIGNED TO CATER VARIOUS SPAN LENGTH, WINDSPEEDS, BIRD LOADS AND ALLOWABLE SAG

PHYSICAL PROPERTIES:

STRONG MECHANICAL CHARACTERISTICS, HIGH TENSILE STRENGTH

* Jelly filled construction can be manufactured on customer's request

CROSS SECTION



- Polyester Binding Yarn
- Outer Sheath
- Aramid Yarns
- Identification Tape
- Water Swellable Yarns
- Water Swellable Tape
- Fillers
- Loose Tube - PBT
- Colored Optic Fibers
- Thixotropic Jelly
- Central Strength Member

KEY SPECIFICATIONS FOR ADSS CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/√km
3	Tensile Strength		≥ 6000	N
4	Crush		2000	N
5	Operating Temperature Range		-10 TO +70	°C

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



PREMIUM DIRECT BURIED

(HIGH TENSILE STRENGTH)

APPLICATION AND KEY FEATURES

APPLICATIONS:

**HIGH TENSILE STRENGTH REQUIREMENTS
ENVIRONMENT, SCADA NETWORKS**

RECOMMENDED INSTALLATION PROCEDURE:

DIRECT BURIAL

CABLE CONSTRUCTION:

**STRANDED LOOSE TUBE ADDITIONAL
PERIPHERAL STRENGTH MEMBERS
(ARAMID YARNS) (DRY BLOCK TYPE)***

FIBER COUNT:

UP TO 72

FIBER TYPE:

G.652.D & G.655.C

RODENT RESISTANT & MECHANICALLY STRONG

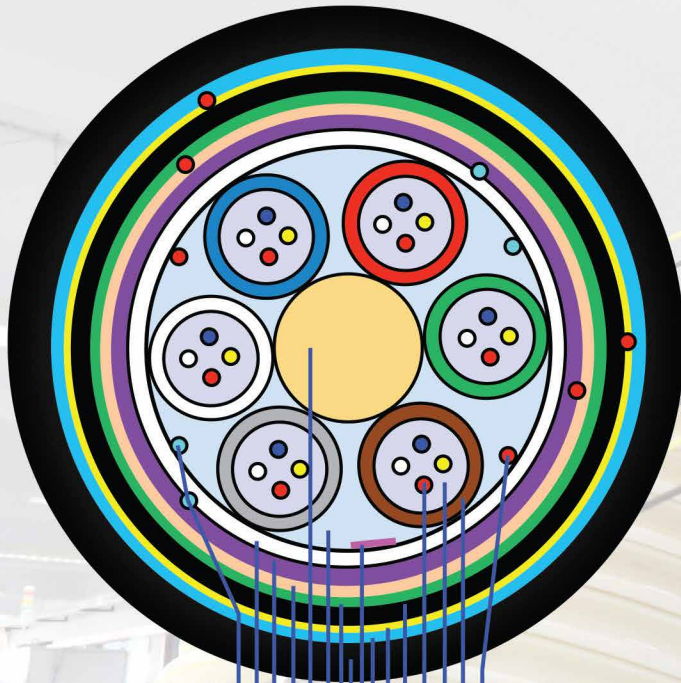
**COPOLYMER COATED CORRUGATED
STEEL TAPE. ARAMID YARNS & DOUBLE
SHEATH**

PHYSICAL PROPERTIES:

**STRONG MECHANICAL
CHARACTERISTICS, HIGH TENSILE
STRENGTH**

*** Jelly filled construction can be manufactured on customer's request**

CROSS SECTION



Polyester Binding Yarns
 Polyester Tape
 Glass Yarns
 Aramid Yarns
 Central Strength Member
 Core Filling
 Aluminum Tape
 Outer Sheath

Ripcord
 Loose Tube - PBT
 Thixotropic Jelly
 Colored Optical Fibers
 Inner Sheath
 Flooding Compound
 Corrugated Steel Tape
 Identification Tape

KEY SPECIFICATIONS FOR PREMIUM DIRECT BURIED CABLE

S. NO.	Descriptions	Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35 dB/km
		at 1550nm	≤ 0.21 dB/km
2	PMD Coefficient	≤ 0.20	ps/ $\sqrt{\text{km}}$
3	Tensile Strength	≥ 14000	N
4	Crush	3000	N
5	Operating Temperature Range	-10 TO +70	$^{\circ}\text{C}$

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



TRIPLE JACKET (DOUBLE ARMORED) DIRECT BURIED CABLE

APPLICATION AND KEY FEATURES

APPLICATIONS:

HARSH ENVIRONMENTS,
RUGGEDIZED REQUIREMENT

RECOMMENDED INSTALLATION PROCEDURE:

DIRECT BURIAL

CABLE CONSTRUCTION:

STRANDED LOOSE TUBE
(DRY BLOCK TYPE)*

FIBER COUNT:

UP TO 72

FIBER TYPE:

G.652.D & G.655.C

RODENT RESISTANT
AND MECHANICALLY STRONG

DOUBLE COPOLYMER COATED
CORRUGATED STEEL TAPES
& TRIPLE SHEATHS MECHANICALLY
STRONG

PHYSICAL PROPERTIES:

STRONG MECHANICAL
CHARACTERISTICS, HIGH TENSILE
STRENGTH

* Jelly filled construction can be manufactured on customer's request

CROSS SECTION



- | | |
|---------------------------------------|---------------------------------------|
| Polyester Binding Yarns | Identification Tape |
| Water Swellable Tape | Loose Tube - PBT |
| 1 st Inner Sheath (LDPE) | Colored Optic Fibers |
| Over Coat | Thixotropic Jelly |
| Flooding Compound | Flooding Compound |
| 1 st Corrugated Steel Tape | 2 nd Corrugated Steel Tape |
| Central Strength Member | 2 nd Inner Sheath (MDPE) |
| Water Blocking Yarns | Outer Sheath (HDPE) |

KEY SPECIFICATIONS FOR TRIPLE JACKET DOUBLE ARMORED DIRECT BURIED CABLE

S. No.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/√km
3	Tensile Strength	3500		N
4	Crush	2500		N
5	Operating Temperature Range	-10 TO +70		°C

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.





FIBER TO THE HOME (FTTH) BACKBONE OPTICAL FIBER CABLE CONFORMING INTERNATIONAL SPECIFICATIONS

APPLICATION AND KEY FEATURES

APPLICATIONS :

**FTTH BACKBONE APPLICATION,
HIGH FIBER COUNT**

RECOMMENDED INSTALLATION PROCEDURE :

DUCT/DIRECT BURIAL

CABLE CONSTRUCTION :

**STRANDED LOOSE TUBE
(DRY BLOCK TYPE)***

FIBER COUNT :

UPTO 288 FIBERS

FIBER TYPE :

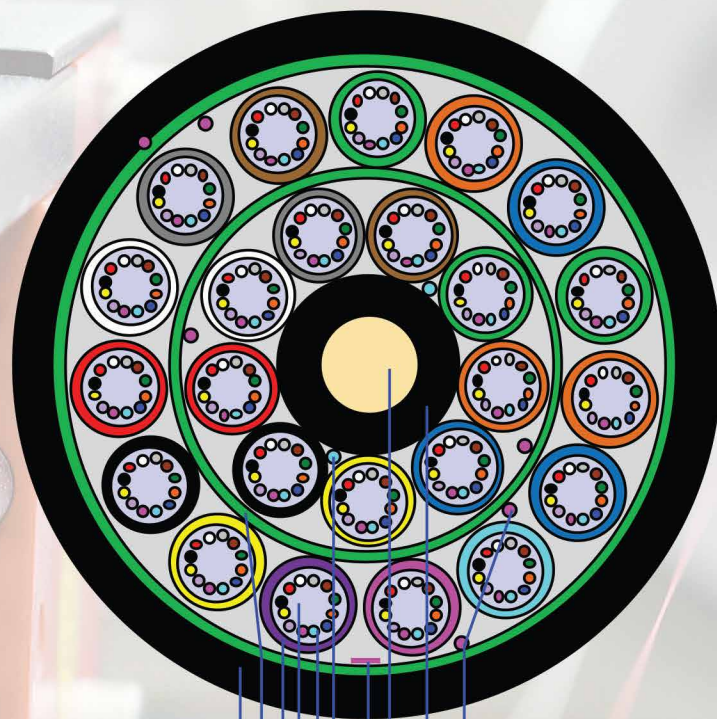
G.652.D & G.655.C

PHYSICAL PROPERTIES :

INTERMEDIATE WEIGHT & FLEXIBLE

***Jelly filled construction can be manufactured on customer's request.**

CROSS SECTION



Outer Sheath
Water Swellable Tape
Loose Tube
Thixotropic Jelly
Colored Optical Fibers
Polyester Binder Yarns
Over Coat
Central Strength Member
Identification Tape
Water Blocking Yarns

KEY SPECIFICATIONS FOR FTTH BACKBONE CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/KM
		at 1550nm	≤ 0.21	dB/KM
2	PMD Coefficient		≤ 0.20	ps/ $\sqrt{\text{km}}$
3	Tensile Strength		3000	N
4	Crush Strength		2500	N
5	Minimum Cable Bending Radius		20 x Cable OD	-
6	Operating emperature Range		-10 TO 70	$^{\circ}\text{C}$

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



FIBER TO THE HOME (FTTH) OUTDOOR CABLE

CONFORMING INTERNATIONAL SPECIFICATIONS

APPLICATION AND KEY FEATURES

APPLICATIONS:

OUTDOOR
FTTH APPLICATION

RECOMMENDED INSTALLATION PROCEDURE:

DUCT/CONDUIT

FIBER COUNT:

UPTO 12 FIBERS

FIBER TYPE:

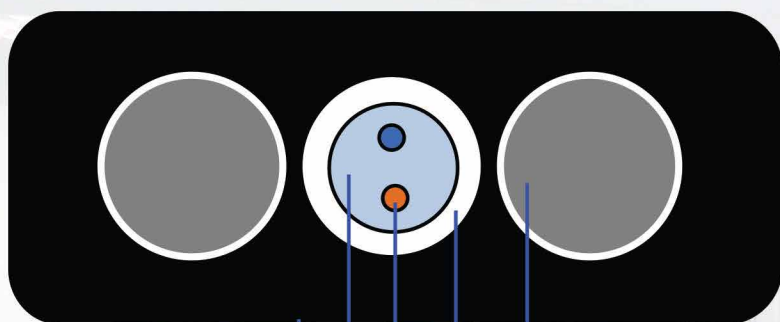
G.652.D

PHYSICAL PROPERTIES:

LIGHT WEIGHT AND FLEXIBLE



CROSS SECTION



Sheath (HDPE)
Thixotropic Jelly

Colored Optical Fiber

FRP Rods
Loose Tube

KEY SPECIFICATIONS FOR FTTH OUTDOOR CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps//km
3	Tensile Strength	Operating	600	N
		Installation	1000	N
4	Crush Strength		2000	N
5	Minimum Cable Bending Radius		15	mm
6	Operating Temperature Range		-10 To +70	°C
7	Max. Span Length		70	Meters

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



FIBER TO THE HOME (FTTH) INDOOR DROP CABLE

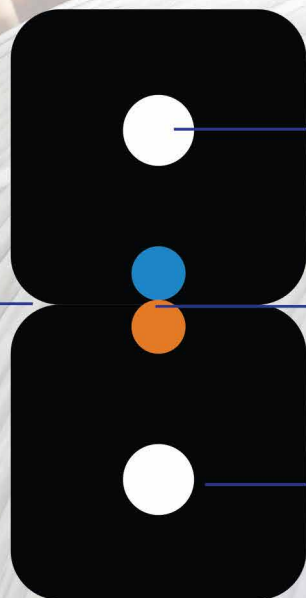
CONFORMING INTERNATIONAL SPECIFICATIONS
AND STANDARDS

APPLICATION AND KEY FEATURES

APPLICATIONS:	INDOOR, BEND RESISTIVE FTTH APPLICATION
FIBER COUNT:	UPTO 2 FIBERS
FIBER TYPE:	G.652.D & G.657
PHYSICAL PROPERTIES:	LIGHT WEIGHT, SOFT, FLEXIBLE, FLAME RETARDANT AND BEND RESISTIVE

CROSS SECTION

**Notch to
Pick Fiber**



**Steel Wire /
FRP / KFRP**

**Optical
Fiber**

LSZH

KEY SPECIFICATIONS FOR FTTH INDOOR DROP CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/√km
3	Tensile Strength	Operating	80	N
		Installation	150	N
4	Crush Strength	Operating	100	N
		Installation	500	N
5	Operating Temperature Range		-10 TO +70	°C

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



FIBER TO THE HOME (FTTH) - OUTDOOR CABLE WITH MESSENGER WIRE

CONFORMING INTERNATIONAL SPECIFICATIONS AND STANDARDS

APPLICATION AND KEY FEATURES

APPLICATIONS:	TO ACCESS NETWORK FROM OUTDOOR TO INDOOR, BEND RESISTIVE, FTTH APPLICATION
FIBER COUNT:	UPTO 2 FIBERS
FIBER TYPE:	G.652.D & G.657
PHYSICAL PROPERTIES:	LIGHT WEIGHT, GOOD MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS, FLAME RETARDANT AND BEND RESISTIVE

CROSS SECTION

Messenger Wire

Web

**Steel Wire /
FRP / KFRP**

Optical Fiber

LSZH

**Notch to
Pick Fiber**

KEY SPECIFICATIONS FOR OUTDOOR CABLE WITH MESSENGER WIRE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/ $\sqrt{\text{km}}$
3	Tensile Strength	Operating	300	N
		Installation	600	N
4	Crush Strength	Operating	400	N
		Installation	800	N
5	Operating Temperature Range		-10 TO +70	°C

For Detailed Specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.

FIBER TO THE HOME (FTTH) DROP OUTDOOR CABLE (ROUND PROFILE)

CONFORMING INTERNATIONAL SPECIFICATIONS AND STANDARDS

APPLICATION AND KEY FEATURES

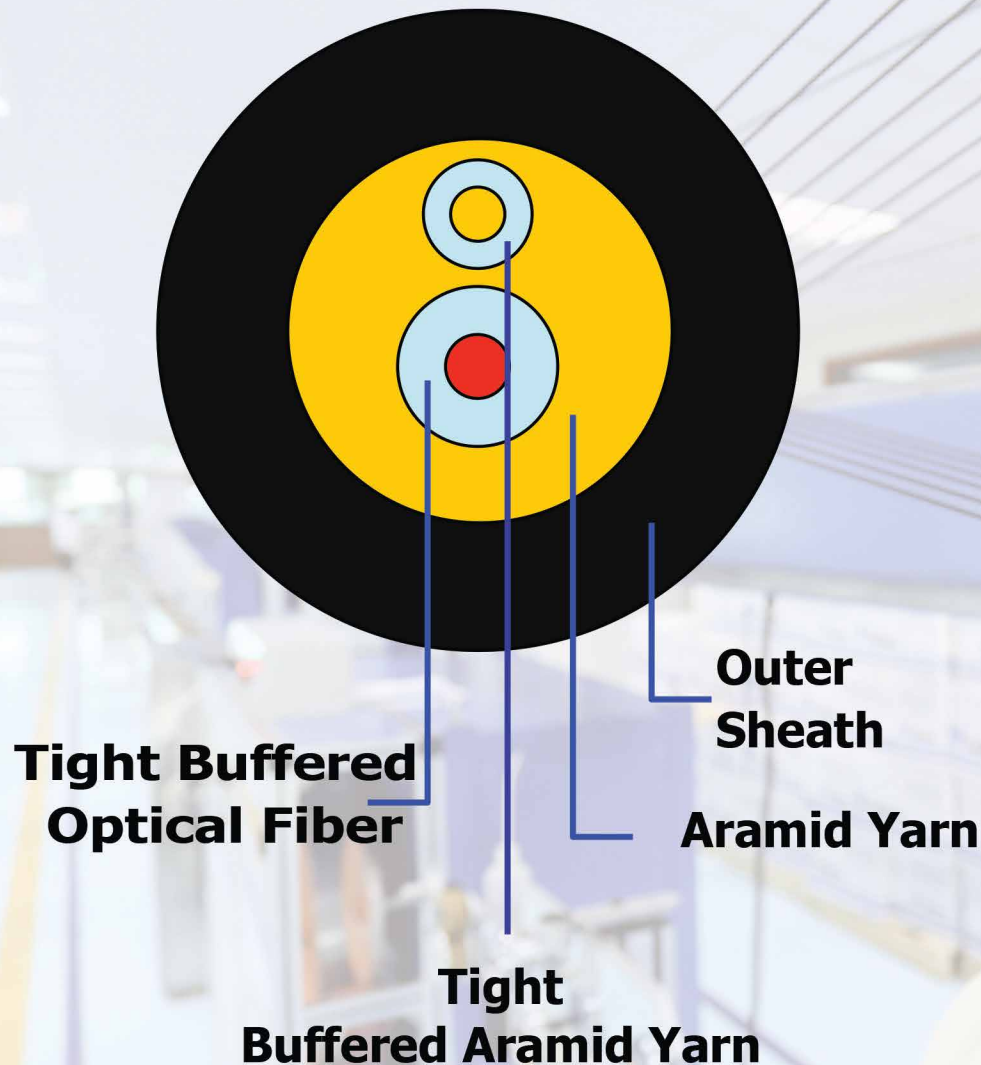
APPLICATIONS:	OUTDOOR, BEND RESISTIVE, OPTICAL EQUIPMENT, FTTH APPLICATION
FIBER COUNT:	UPTO 02 FIBER
FIBER TYPE:	G.652.D & G.657
PHYSICAL PROPERTIES:	HIGH STRENGTH, SOFT, LIGHT WEIGHT, FLEXIBLE, BEND RESISTIVE, UV-RESISTANT AND WATER RESISTANT

KEY SPECIFICATIONS FOR FTTH OUTDOOR (ROUND PROFILE) CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/√km
3	Tensile Strength		500	N
4	Crush		600	N
5	Operating Temperature Range		-10 TO +70	°C

For detailed specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



FIBER TO THE HOME (FTTH) DROP RIBBON CABLE

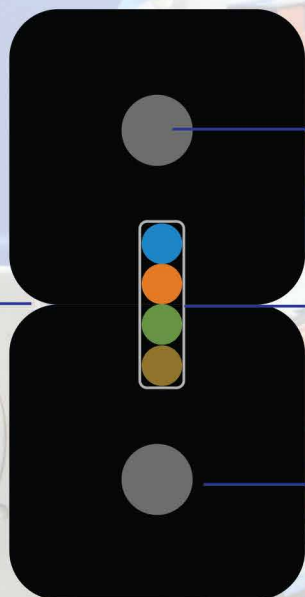
CONFORMING INTERNATIONAL SPECIFICATIONS AND STANDARDS

APPLICATION AND KEY FEATURES

APPLICATIONS:	INDOOR, BEND RESISTIVE FTTH APPLICATION
FIBER COUNT:	UPTO 04 FIBERS
FIBER TYPE:	G.652.D & G.657
PHYSICAL PROPERTIES:	LIGHT WEIGHT, SOFT, FLEXIBLE, FLAME RETARDANT AND BEND RESISTIVE

CROSS SECTION

Notch to
Pick Fiber



**STEEL WIRE
/FRP/KFRP**

RIBBON FIBER

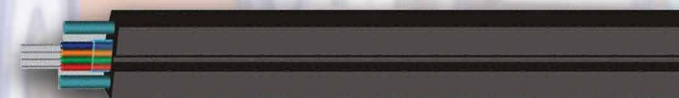
LSZH SHEATH

KEY SPECIFICATIONS FOR FTTH RIBBON CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/√km
3	Tensile Strength	Operating	80	N
		Installation	150	N
4	Crush Strength	Operating	100	N
		Installation	500	N
5	Operating Temperature Range		-10 TO +70	°C

For detailed specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.





SIMPLEX ROUND INDOOR CABLE

**CONFORMING INTERNATIONAL SPECIFICATIONS
AND STANDARDS**

APPLICATION AND KEY FEATURES

CONSTRUCTION:	TIGHT BUFFERED FIBER
APPLICATIONS:	OPTICAL CONNECTIVITY (PIGTAILS, PATCH CORDS, OPTICAL EQUIPMENT), FTTH APPLICATION
FIBER COUNT:	1
FIBER TYPE:	G.652.D & G.657
PHYSICAL PROPERTIES:	HIGH STRENGTH, SOFT, LIGHT WEIGHT, FLEXIBLE, FLAME RETARDANT & BEND RESISTIVE

CROSS SECTION



Outer Sheath (LSZH)

Layer of Aramid Yarn

Tight Buffered Optical Fiber

KEY SPECIFICATIONS FOR SIMPLEX CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/ $\sqrt{\text{km}}$
3	Tensile Strength	Operating	80	N
		Installation	150	N
4	Crush Strength	Operating	100	N
		Installation	500	N
5	Operating Temperature Range		-10 TO +70	°C

For detailed specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



DUPLEX INDOOR CABLE

CONFORMING INTERNATIONAL SPECIFICATIONS AND STANDARDS

APPLICATION AND KEY FEATURES

CONSTRUCTION:	TIGHT BUFFERED FIBER
APPLICATIONS:	OPTICAL CONNECTIVITY (PIGTAILS, PATCH CORDS, OPTICAL EQUIPMENT), FTTH APPLICATION
FIBER COUNT:	2
FIBER TYPE:	G.652.D & G.657
PHYSICAL PROPERTIES:	HIGH STRENGTH, SOFT, LIGHT WEIGHT, FLEXIBLE, FLAME RETARDANT AND BEND RESISTIVE.

KEY SPECIFICATIONS FOR DUPLEX INDOOR CABLE

S. NO.	Descriptions		Specifications	Unit
1	Attenuation	at 1310nm	≤ 0.35	dB/km
		at 1550nm	≤ 0.21	dB/km
2	PMD Coefficient		≤ 0.20	ps/ $\sqrt{\text{km}}$
3	Tensile Strength	Operating	80	N
		Installation	200	N
4	Crush Strength	Operating	100	N
		Installation	500	N
5	Operating Temperature Range		-10 TO +70	$^{\circ}\text{C}$

For detailed specifications, consult Technical Advisor of Premier Cables (Pvt) Ltd.

Specifications can be modified according to customer's application and need.



Layer of Aramid Yarn

Tight Buffered Optical Fiber

Outer Sheath (LSZH)



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