

The International Bureau, WIPO
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CH-1211 Geneva
Switzerland

Danish Patent
and Trademark Office

Helgesøvej 81
DK-2530 Lyngby
(Postal address)

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DK-7430 Ikast

Tel : +45 43 50 80 00
E-mail : pps@dkpto.dk
Web : www.dkpto.dk
CVR nr : 17 03 94 15

Ministry of Industry, Business
and Financial Affairs

 Partner
nordic patent institute

Our ref: MP1446304
Your Reference:
International Registration: 1446304
Holder: Burn Cable Management Systems Limited
Mark: MINERAL CABLE SIMPLEX UK
Time limit: 25 July 2019

25 March 2019

Dear Madam/Sir

Notification of Total Provisional Refusal of IR 1446304 according to Rule 17(2)

The above-mentioned mark is provisionally refused protection in Denmark for all of the goods covered by the designation.

The reasons for the refusal are given in the enclosed examination report. The holder may request a review of the refusal before 25 July 2019. Further information about procedures is found in the report.

Yours faithfully

Simone Bering Würtz
Legal Adviser, Trademark/Design,
MSc Business Administration and Commercial Law

Examination Report

Grounds for refusal

We have found that the mark is descriptive with respect to all the goods in the designation, namely:

Class 9 Cables; electrical cables; electrical cables namely, mineral cables, mineral insulating cables.

The mark consists of the wording “MINERAL CABLE SIMPLEX UK”. “Mineral cable” describes the kind of the goods, namely cables being insulated with minerals. Please see appendix B to find examples for the use of “mineral cable”. Mineral cables are cables being insulated with minerals. The construction is typically consisting of solid copper conductors highly compressed powered magnesium oxide insulation (hence the name) and a solid copper sheath. Do to construction these cables are highly fire resistant.¹

Using the wording “simplex” in connection with “mineral cable” does define the quality of the goods. “Simplex” means “composed of or characterized by a single part or structure”² or “allowing telecommunication in only one direction”.³ As seen in appendix C simplex cables are cables where signals can flow in only one direction at a time. Often these cables are one single strand of fiber and one single outer jacket.⁴ As a result of the use of “simplex” this part may designate the quality of the goods, namely mineral cables with signals flowing in only one direction at a time.

“UK” is a generally known abbreviation for the United Kingdom.⁵ The use of “UK” may serve to designate the geographical origin of the goods, namely that the goods are produced or designed in The United Kingdom.

The overall impression of the mark may designate the kind, quality and origin of the goods for all the applied goods, namely that these cables are mineral insulated simplex cables of UK origin.

We refer to Section 13(1)(2) and 13(1)(3) of the Danish Trademarks Act.

Please be informed that the Danish Trade Marks Act Section 13(2) allows for the registration of marks, which have acquired distinctiveness through use.

Request for review of the provisional refusal

You may request a review of the provisional refusal **within 4 months** from the date of issue of the provisional refusal.

Please observe that documents or evidence submitted by you will be available to the public according to the regulations of The Danish Access to Public Administration Files Act.

A request for review should be sent by post or e-mail to:

Address

Patent- og Varemærkestyrelsen
Helgeshøj Allé 81
DK-2630 Taastrup

¹ <http://www.wrexhammineralcables.com/categories/why-wrexham-mineral-cables>

² <https://en.oxforddictionaries.com/definition/us/simplex>

³ <https://www.merriam-webster.com/dictionary/simplex>

⁴ <https://community.fs.com/blog/simplex-vs-duplex-fiber-optic-cables.html>

⁵ <https://en.oxforddictionaries.com/definition/us/UK>

Denmark

E-mail

pvs@dkpto.dk

Final refusal and appeal

If you do not reply within the time limit, we will issue a final refusal, which is subject to appeal to the Board of Appeal for Patents and Trademarks.

Appendix A: Abstract of the Danish Trade Marks Act

Appendix B: Examples of the use of “mineral cable”

Appendix C: Examples of the use of “simplex cable”

Appendix A

Abstract of the Danish Trade Marks Act

Signs of which a trade mark may consist

Section 2

A trade mark may consist of any signs, in particular words, including personal names, or designs, letters, numerals, colours, the shape of goods or of the packaging of goods, or sounds, provided that such signs are capable of:

- i) distinguishing the goods or services of one undertaking from those of other undertakings; and
- ii) being represented on the register in a manner which enables the competent authorities and the public to determine the clear and precise subject matter of the protection afforded to its proprietor.

Application and registration of trade marks

Section 11

- (1) An application for the registration of a trade mark shall be filed with the Patent and Trade mark Office. The application shall contain information in accordance with the provisions laid down pursuant to section 48. The application fee prescribed by section 60(a)(1) shall be paid.

Section 12

- (1) The goods and services in respect of which trade mark registration is applied for shall be classified in conformity with the Nice Classification. Where the applicant requests registration for more than one class, the applicant shall group the goods and services according to the classes of the Nice Classification, each group being preceded by the number of the class to which that group of goods or services belongs, and shall present them in the order of the classes.
- (2) The goods and services for which protection is sought shall be identified by the applicant with sufficient clarity and precision to enable the Office and economic operators, on that sole basis, to determine the extent of the protection sought.
- (3) The general indications included in the class headings of the Nice Classification or other general terms may be used, provided that they comply with the requisite standards of clarity and precision set out in this provision.

Examination of applications

Section 16

- (1) If the application does not comply with this Act or the provisions laid down pursuant to this Act, or if the Patent and Trade mark Office has other objections to the acceptance of the application, the Patent and Trade mark Office shall notify the applicant accordingly and invite him to file his observations within a specified time limit.

Section 13

(1) The following shall not be registered:

- (i) Signs which cannot constitute a trade mark.
- (ii) Trade marks which are devoid of any distinctive character.
- (iii) Trade marks which consist exclusively of signs or indications which may serve, in trade, to designate the kind, quality, quantity, intended purpose, value, geographical origin, or the time of production of the goods or of rendering of the service, or other characteristics of the goods or services.
- (iv) Trade marks which consist exclusively of signs or indications which have become customary in the current language or in the bona fide and established practices of the trade.

(2) A trade mark shall not be excluded from registration in accordance with paragraph 1(2)-(4), if, before the date of application for registration, following the use which has been made of it, it has acquired a distinctive character.

Section 14

Furthermore, the following shall not be registered:

- 1) signs which consist exclusively of:
 - a) the shape, or another characteristic, which results from the nature of the goods themselves,
 - b) the shape, or another characteristic, of goods which is necessary to obtain a technical result,
 - c) the shape, or another characteristic, which gives substantial value to the goods.
- 2) Trade marks which are contrary to law, public order or morality.
- 3) Trade marks which are liable to mislead the public, for instance as to the nature, quality or geographical origin of the goods or services.
- 4) Trade marks which have not been authorized by the competent authorities and are to be refused pursuant to Article 6ter of the Paris Convention for the Protection of industrial Property, and trade marks which include badges, emblems and escutcheons which are of public interest, unless the consent of the appropriate authority to their registration has been given.
- 5) Trade marks which are excluded from registration pursuant to Union legislation or the national law of the Member State concerned, or to international agreements to which the Union or the Member State concerned is party, providing for protection of designations of origin and geographical indications.
- 6) Trade marks which are excluded from registration pursuant to Union legislation or international agreements to which the Union is party, providing for protection of traditional terms for wine.
- 7) Trade marks which are excluded from registration pursuant to Union legislation or international agreements to which the Union is party, providing for protection of traditional specialities guaranteed.
- 8) Trade marks which consist of, or reproduce in their essential elements, an earlier plant variety denomination protected by plant variety sort rights and which are in respect of plant varieties of the same or closely related species.

Appendix B

https://www.google.com/search?q=mineral+cable&sourceid=ie7&rls=com.microsoft:da:IE-Address&ie=&oe=

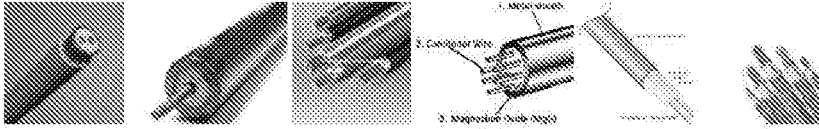
mineral cable - Google-søg... x

Google mineral cable

Alle Billeder Shopping Maps videoer Mere Indstillinger Værktøjer

Ca. 74 300 000 resultater (0.35 sekunder)

Billeder af mineral cable



→ Flere billeder af mineral cable Rapportér billeder

Mineral-insulated copper-clad cable - Wikipedia

https://en.wikipedia.org/wiki/Mineral-insulated_copper-clad_cable ▼ Oversæt denne side

Mineral-insulated copper-clad cable is a variety of electrical cable made from copper conductors inside a copper sheath, insulated by inorganic magnesium ...

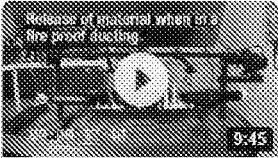
Construction History Advantages Disadvantages

Wrexham Mineral Cables | Mineral Insulated Cables

www.wrexhammineralcables.com/ ▼ Oversæt denne side

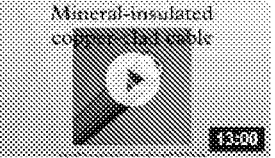
Wrexham Mineral Cables is the only UK based Mineral Insulated Cable manufacturer. Our client base extends both UK and overseas and our cables are found ...

Videor



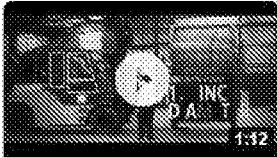
Wrexham Mineral Cables

Wrexham Mineral Cables
YouTube · 13. apr. 2017



Mineral-insulated copper-clad cable

Airlepedia
YouTube · 18. nov. 2015



MCAA Produce the worlds Longest Insulated Mineral Cable

MCAA
YouTube · 14. apr. 2015

Mineral insulated cable - SensyMIC -

www.sensymic.com/ ▼ Oversæt denne side

Mineral insulated cables have an outer sheath of metal with two to eight inner conductors. The insulation material is made from a highly compressed ...

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<https://www.google.com/search?q=mineral+cable&sourceid=ie7&rls=com.microsoft:da:IE-Address&ie=&oe=>

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mineral cable - Google-søg...

Google mineral cable

Cables	copper-clad cable	the worlds Longest Insulated Mineral Cable
Wincham Mineral Cables YouTube - 13. apr. 2017	Audiopeña YouTube - 18. nov. 2015	MC AAA YouTube - 14. apr. 2015

Mineral insulated cable - SensyMIC -
www.sensymic.com/ - Oversæt denne side
 Mineral insulated cables have an outer sheath of metal with two to eight inner conductors. The insulation material is made from a highly compressed ...

MICC Ltd specialists in mineral insulated cable, fire survival cables ...
www.miccld.com/ - Oversæt denne side
 MICC Ltd specialists in mineral insulated cable, fire survival cables, heat tracing and temperature measurement.

MINERAL INSULATED CABLES : KME - Engineering Copper Solutions
<https://www.kme.com/copper-division/mic/> - Oversæt denne side
 Due to their special composition, KME Mineral Insulated cables ensure maximum protection against fire and mechanical damage. The Mineral Insulated Cable ...

MineralInsulatedCableCompany.com
www.mineralinsulatedcablecompany.com/ - Oversæt denne side
 The "Mineral Insulated Cable Company" are "Highly Trained Specialists in a Highly Specialised World". The company has over the years gained experience ...

Mineral Processing Plant Design, Practice, and Control: Proceedings
<https://books.google.dk/books?isbn=0873352238> - Oversæt denne side
 Andrew L. Mular, Doug N. Hulse, Derek John Barrett - 2002 - Flotation
 Mineral processing site communication and control system networks require a large ... Cable Selection Selection of fiber optic cable, wherever possible, is highly ...

1982 Census of Manufactures and Census of Mineral Industries: ...
<https://books.google.dk/books?id=aHvRAKJzwAQc> - Oversæt denne side
 1985 - Industries
 Numerical list of manufactured and mineral products ... Power wire and cable (excluding fiber optics). Mineral insulated cable (including asbestos and varnished ...

Googooooooooooooole >
 1 2 3 4 5 6 7 8 9 10 Næste

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https://www.google.com/search?rls=com.microsoft%3Ada%3AIE-Ad-... Seg...

"mineral cable" - Google-s...

Google "mineral cable"

www.wrexhammineralcables.com/ - Oversæt denne side
 Warranty. Our Product Range. Feel free to browse the Wrexham Mineral Cable product range.
 Light Duty Cables (500v) - Heavy Duty Cables (750v)

Mineral Cable, Mineral Cable Suppliers and Manufacturers at Alibaba ...
<https://www.alibaba.com> - Computer Hardware & Software - Oversæt denne side
 6593 products - Alibaba.com offers 6593 mineral cable products. About 17% of these are power
 cables, 5% are electrical wires, and 1% are power banks. A wide ...

Mineral cable heater Archives - Engineered Thermal Products ...
www.thermocoax.com/tag/mineral-cable-heater/ - Oversæt denne side
 We also provide custom mineral cable heaters with the wattage required to get optimal temperature
 uniformity and process tunability. Learn more about our ...

Mineral cable based thermocouples Archives - Engineered Thermal ...
<https://www.thermocoax.com/> /mineral-cable-based-thermocoupl... - Oversæt denne side
 THERMOCOAX Analysis solutions - THERMOCOAX is your technical expert partner. We
 customize, design and manufacture complete custom Thermal and ...

MICC Light Duty Cable - BATT Cables
www.batt.co.uk - ... - Mineral Cable Light Duty - Oversæt denne side
 Mineral insulated MICC cable. Fire resistant cable to BS6387, BS6387, BS6387 cable, mineral
 cable, micc cable, fire resistant cable, pyro, pyro cable, ...

Products - Fire Performance CWZ Cables - Mineral Cable Light Duty
www.batt.co.uk - Products - Fire Performance CWZ Cables - Oversæt denne side
 Power & General Wiring Cable - Fire Performance CWZ Cables - Armoured CWZ Cable - Un-
 armoured CWZ Cable - Mineral Cable Light Duty - Mineral Cable ...

Introducing World Class Heater Mineral Cable ... - MCAAA Notice
www.mcaaa.eu/resources/MCAAA-Company-Profile-English.pdf - Oversæt denne side
 This has a number of operational advantages in providing longer length heater capabilities and less
 parasitic heating loss to overburden. MC AAA cable ...

MCAAA Produce the worlds Longest Insulated Mineral Cable - YouTube
<https://www.youtube.com/watch?v=Nvm00vGwpXw> - Oversæt denne side
 14. apr. 2015 - Uploadet af MC AAA
 MCAAA Produce the worlds Longest Insulated Mineral Cable. MC AAA.
 Loading... Unsubscribe from MC AAA ...

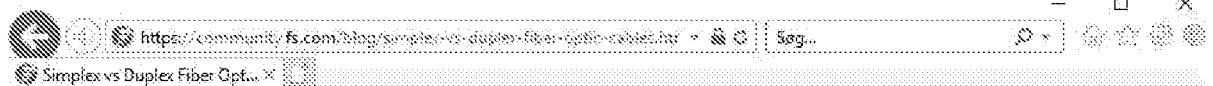
IET Wiring Regulations: Electric Wiring for Domestic Installers, 15th ed
<https://books.google.dk/books?isbn=1317535591> - Oversæt denne side
 Brian Scaddan - 2015 - Technology & Engineering
 Figure 2.43 shows the component parts of an SWA cable termination. FIGURE 2.42 Mineral cable
 termination. FIGURE 2.43 SWA termination. FIGURE ...

Google

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https://www.google.com/search?rls=com.microsoft%3Ada%3AIE-Ad-dress&biw=871&bih=1147&ei=b36YXKj2MsW2kwXmirPACg&q=%22mineral+cable%22&oq=%22mineral+cable%22&gs_l=psy-ab_3_0i22i30i10.4216.6180.6294...0.0.75.146.2.....0...1..gws-wiz.....0i7i30i19j0i7i10i30i19j0i19j0i30i19.hl58FZYs6Ck

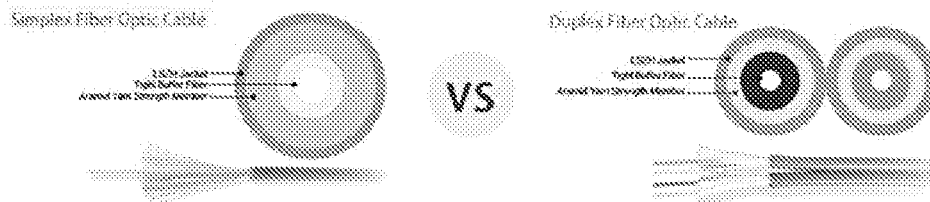
Appendix C



Simplex vs Duplex Fiber Optic Cables

Posted on July 12, 2014 by FS.COM

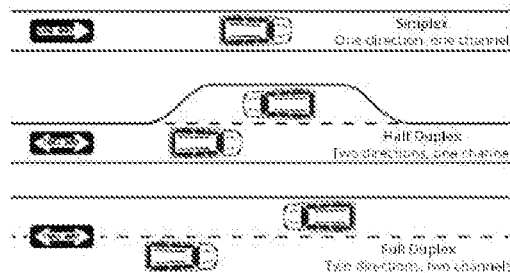
Optical fiber cable, or optical cord, is a basic and necessary component in fiber optic network. There are many kinds of optical cables, such as single mode fiber optic cable, multimode fiber optic cable, simplex fiber optic cable, duplex fiber optic cable. Different kinds of fiber optic patch cables have different applications. This paper will focus on the simplex and duplex fiber patch cord. Through simplex vs. duplex fiber optic cables, we would summarize some tips to choose simplex and duplex fiber cable.



Simplex VS. Duplex Fiber Optic Cables

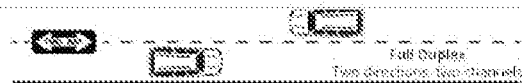
Simplex VS. Duplex

Before discussing simplex vs. duplex fiber optic cables, the first thing is to get a clear and deep understanding of simplex vs. duplex. Simplex and duplex are different kinds of communication channels in telecommunications and computer networking, which provide pathways to convey information. According to the ITU-T definition, a simplex circuit is one where signals can flow in only one direction at a time. One end is the transmitter, while the other is the receiver and that is not reversible. On the other hand, the full duplex system uses two fibers to communicate. This allows one fiber to transmit from point A to point B while the other fiber transmits from B to A. Therefore, both ends of a full-duplex system have both transmitters and receivers. Unlike simplex, duplex can be divided into half duplex and full duplex. Half duplex means a communication channel that data can be transmitted in both directions on a signal carrier but not simultaneously. One end is the transmitter, while the other end is the receiver and may be reversible (this is the opposite of simplex). This makes it similar to a two-way radio. In addition, full duplex is two-way communication achieved over a physical link that has the ability to communicate in both directions simultaneously.



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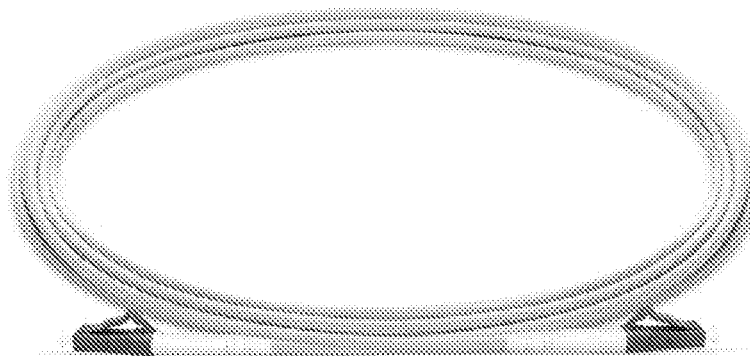
<https://community.fs.com/blog/simplex-vs-duplex-fiber-optic-cables.html>



Simplex VS. Duplex

Simplex Fiber Optic Cables

A simplex fiber optic cable consists of one single strand of glass or plastic fiber and one single outer jacket. Simplex fiber is most often used for applications that only require one-way data transfer. Digital data readouts, interstate highway sensor relays, and automated speed and boundary sensors (for sports application) are all great uses of simplex fiber optic cable. In simplex fiber optic network, there are available in simplex single mode and simplex multimode fiber optic cable (eg. 62.5/125 OM1 fiber and 50/125 OM2 fiber). Single mode simplex fiber patch cable is a great option for setting up a cable network that will require data to travel in one direction over long distances. Since this simplex optical fiber cable only carries one ray of light at a time, it's better for long-distance transmissions. The simplex multimode fiber has a larger diameter core that effectively allows multiple modes of light to propagate. The number of light reflection is created due to a larger diameter. The core of a single mode simplex optic patch cord is 8 to 10 microns, while a multimode simplex optic patch cord is either 50 or 62.5 microns. More data passes through the multimode fiber at a given point in time. The quality of the signal is reduced over long distances due to high dispersion and attenuation rate with this type of fiber. Multimode fiber is used for short distance data transmission purposes.



Simplex Fiber Optic Cable

Duplex Fiber Optic Cables

A duplex fiber optic cable consists of two strand fibers of glass or plastic, and it can be regarded as two simplex cables. This duplex fiber cable is carefully structured in a zip-cord arrangement, which is most often used for duplex communication between devices where require simultaneous, bi-directional data transfer. (One fiber transmits data one direction and another fiber transmits data in the opposite direction.) Larger workstations, fiber switches and servers, fiber modems, and similar hardware tends to require duplex fiber cable. Duplex fiber is also available in single mode duplex fiber optic cable and multimode duplex fiber optic cable. Half duplex and full duplex are two types of fiber optic duplex cables that are used in different data transmission applications.

http://www.acalbfi.com/be/Fibre-optic-components/Fibres-cables-assemblies... 503...

C25964 | OFS | 50 µm OM3 ...

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50 µm OM3 FlightGuide® Simplex cable



Manufacturer's part number :
C25964

Manufacturer :
OFS 

Description :
The FlightGuide family of aerospace cables provides high temperature and strength capabilities for a variety of single-mode and graded-index fibres.

[View our wide range of Fibres, cables and assemblies](#)

[View our portfolio of Fibre optic components](#)

[See all products from our supplier OFS](#)

Technical Data :
 [OFS C25964 Datasheet](#)

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<http://www.acalbfi.com/be/Fibre-optic-components/Fibres-cables-assemblies/Fibre-optic-cables/p/50-m-OM3-FlightGuide-Simplex-cable/00000041U6>

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Description	Simplex for welding current : Single core extra flexible multi purpose cable. Copper conductor. Oil and chemical resistant
Standards	Low Voltage Directive 2006/95/CEE  
Approvals	
Packaging	 

Applications



Technical features

Conductor	Red copper wire, annealed, not tinned
Insulation	Polyvinylchloride
Rated voltage Uo/U	450/750V
Working temperature	70°C on conductor if installed in ordinary environments 50°C in fire-risk environments
Max. Temperature in case of short circuit	160°C on the conductor (maximum duration 5 seconds)
Minimum bending radius	Mobile installation: 4 times the outer diameter
Maximum laying stress	15N for mm ² of copper total section
Standard sheath colour	Black
Standard marking	Simplex cable + mm ² + (CE + year + lot)
Distance between markings	Every 20/25cm, about
Means of marking	Inkjet

Nominal cross sectional area of conductor	Maximum diameter of wire of conductor	Thickness of covering	Mean overall diameter	Maximum conductor resistance at 20 °C	Capacity of conductor at 60% duty cycle	Capacity of conductor at 15% duty cycle
---	---------------------------------------	-----------------------	-----------------------	---------------------------------------	---	---

https://www.go4fiber.com/simplex-cable-lszh-9-125um-singlemode-fiber-... Seg...

Simplex Cable, LSZH 9/125um...

Go4Fiber Store

Vælg språk

Simplex Cable, LSZH 9/125um singlemode fiber, yellow jacket, OD=2.0mm

Search Search entire store here... GO

Simplex Cable, LSZH 9/125um singlemode fiber, yellow jacket, OD=2.0mm

Part #G5/180228

SKU: 18000

Increment: 1000m

Standard Packaging: 1000m per reel

Please contact us for other lengths.

Availability: No Stock. Ship around 1-2 weeks.

Unit: M

US\$61.39

Simplex Cable, LSZH 9/125um singlemode fiber, yellow jacket, OD=2.0mm is available for purchase in increments of 1000

Qty: 1

ADD TO CART

Add to Quote

Outer Jacket

Kevlar Strength Member

Tight Buffered Fiber

Description Information Datasheet Review History Write Review

Simplex fiber cable is a single tight buffer cable available in both singlemode and multimode type. These cables are optimized for ease of connectorization and used as jumpers in intrabuilding distribution. Go4Fiber offers choices of well-known brand as well as some quality economic alternatives. All cables meet industry performance specifications. The jacket colour of singlemode and multimode cables are yellow and orange respectively. Custom cable jacket colours and special fiber types are available for nearly all cables below.

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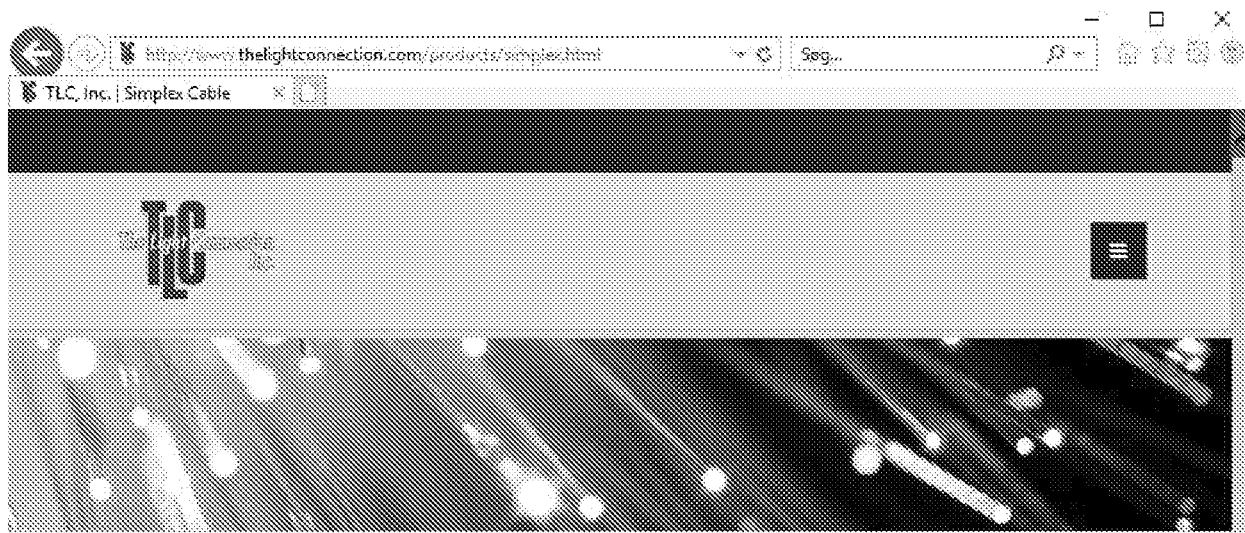
onfigurator

Connectors!

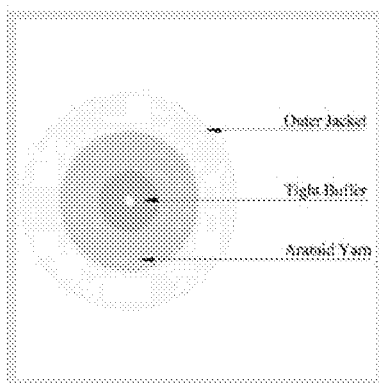
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2019-03-25

https://www.go4fiber.com/simplex-cable-lszh-9-125um-singlemode-fiber-yellow-jacket-od-2-0mm



SIMPLEX



TLC Simplex cables are designed for general patch cord production where consistency and uniformity are vital for fast efficient terminations. Simplex cables are offered in several outside diameter sizes and meet all tooling and termination requirements.

Download the Catalog Pages

Applications:

- ✦ Patch cord production
- ✦ Data centers
- ✦ Indoor point to point connections

Features:

- ✦ 3mm, 2mm, 1.8mm & 1.6mm OD sizes to meet all patch cord applications
- ✦ Consistent 3.5 – 5 lbs-ft for easy stripability
- ✦ Available in custom colors

SPECS FOR SIMPLEX

✦ Cable Simplex

<http://www.fiberinstrumentsales.com/intl/cable/simplex-cable.html>

[Simplex Cable - FIS Internat...](#)

BRAND

Corning (3)

TLC (45)

MODE

MM OM1 62.5/125um (7)

MM OM2 50/125um (7)

OM3 50/125um (6)

OM4 50/125um (10)

OS2 B/125um (16)

Contact us

Simplex Cable

h

Sort By

Position

48 Item(s)

TLC Simplex SM SMF28 Ultra Riser Blue 2mm Fiber Optic Cable

PART# S09SX01CZNRB20

\$0.23

TLC 12 Fiber SM SMF28 Ultra Ribbon Bare Fiber Optic Cable

PART# S09RB12CZ

\$1.10

TLC Simplex SM ClearCurve ZBL Riser Yellow 1.6mm Fiber Optic Cable

PART# S09SX01CCNRY16

\$0.35

TLC Simplex SM ClearCurve ZBL Riser Blue 1.6mm Fiber Optic Cable

PART# S09SX01CCNRB16

\$0.35

TLC Simplex SM ClearCurve ZBL Riser Blue 3mm Fiber Optic Cable

TLC 2.0mm Simplex Multimode 62.5/125um Riser - Orange Fiber Optic

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2019-03-25

<http://www.fiberinstrumentsales.com/intl/cable/simplex-cable.html>

Simplex - Cleerline Fiber

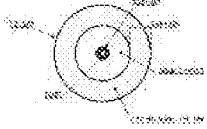
Simplex

You are here: Cleerline Fiber > Fiber > Simplex

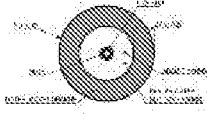
Simplex cable consists of one jacketed fiber optic strand. Simplex cable provides the minimum number of fiber strands for fiber installation.

Fiber is available in OS2, OM2, OM3, and OM4. Available jacketing options are Riser, Plenum, and LSZH.

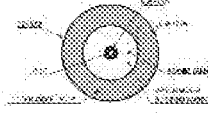
Which Type of Fiber is Right for My Project?



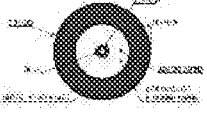
OS2



OM2



OM3



OM4

Cleerline SSF™ advanced optical glass fibers are much stronger, safer, and faster terminating than typical fibers.

This distribution style cable provides the ultimate in durability and bend in a very compact size.

SSF™ fibers are always protected at the glass level as a result of their integral polymeric coating, increasing both bend and tensile strength to unprecedented levels. Cleerline SSF™ fibers are compatible with all common connector systems on the market for standard 50/125 multimode and 9/125 Singlemode fibers.

Learn More

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<https://cleerlinefiber.com/fiber/simplex/>