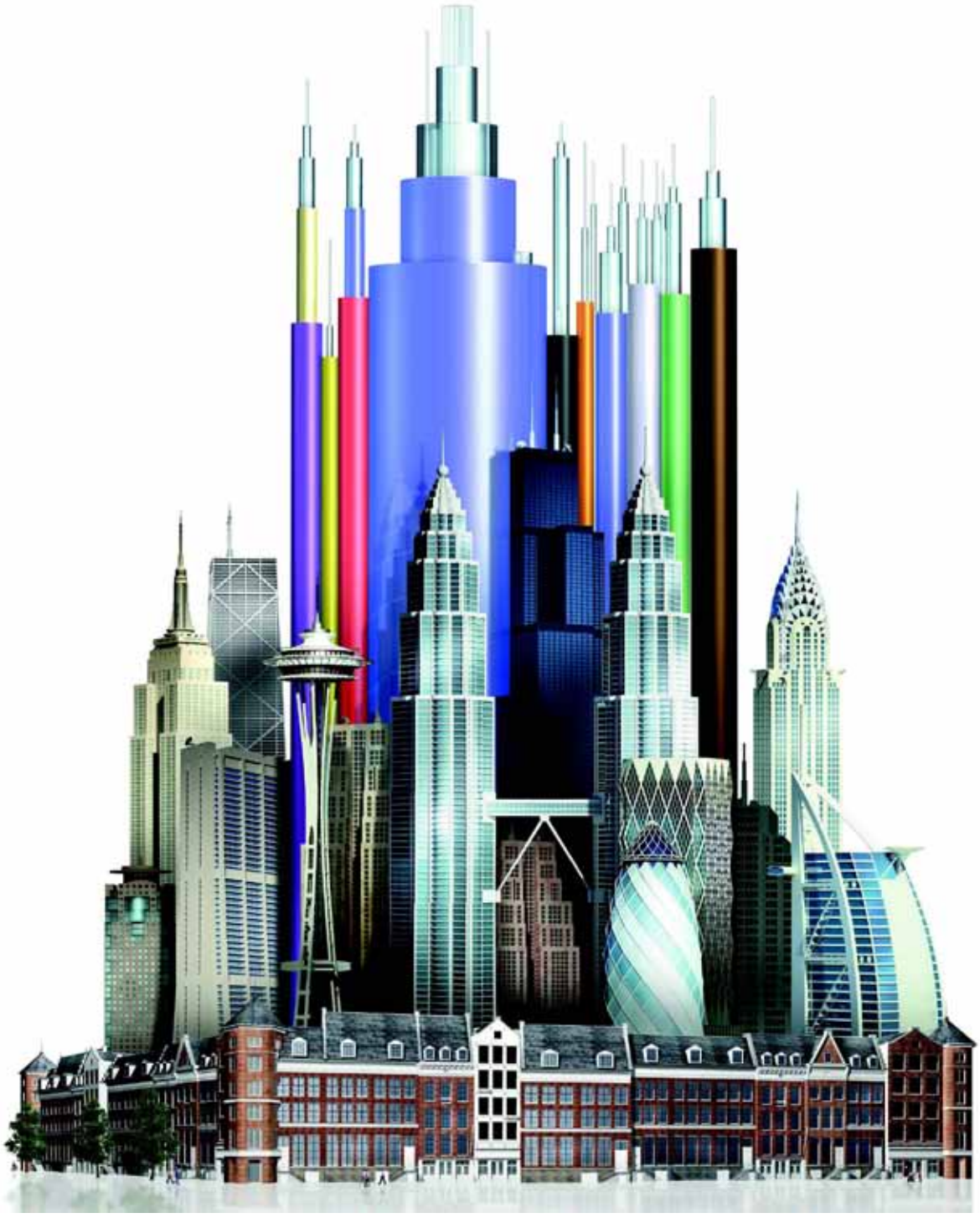
Draka



Optical Fiber Cable Catalog

Draka Communications Americas

About Draka

Draka (Euronext Amsterdam: DRAK), headquartered in Amsterdam, has 9600 employees and 2009 revenues of $2.0 billion. Draka, with over 100 years of experience, is one of the world's largest fiber producers and the number one multimode fiber producer. Draka has a presence in 31 countries in Europe, North and South America, Asia and Australia. Draka's activities are divided into three groups: Energy & Infrastructure, Industry & Specialty and Communications.

VALUE INNOVATION

About Draka Communications Americas

Draka Communications Americas is a leader in innovative optical fiber and cable solutions with a portfolio of over 100,000 cables for indoor, indoor-outdoor, outdoor and specialty applications. Draka's regional headquarters is located in Claremont, North Carolina, in the only co-located fiber and cable facility in North America. Our 128 acre campus is home to a world class 1.2 million square foot manufacturing facility dedicated to the development, delivery and deployment of optical fiber and fiber cable networks.

Draka maintains the highest level of industry certifications such as ISO 9001, ISO 14001 and TL 9000. Our products are designed and tested to the highest performance standards in the industry. Draka optical fiber and cables ensure sustainable performance in all installation conditions.

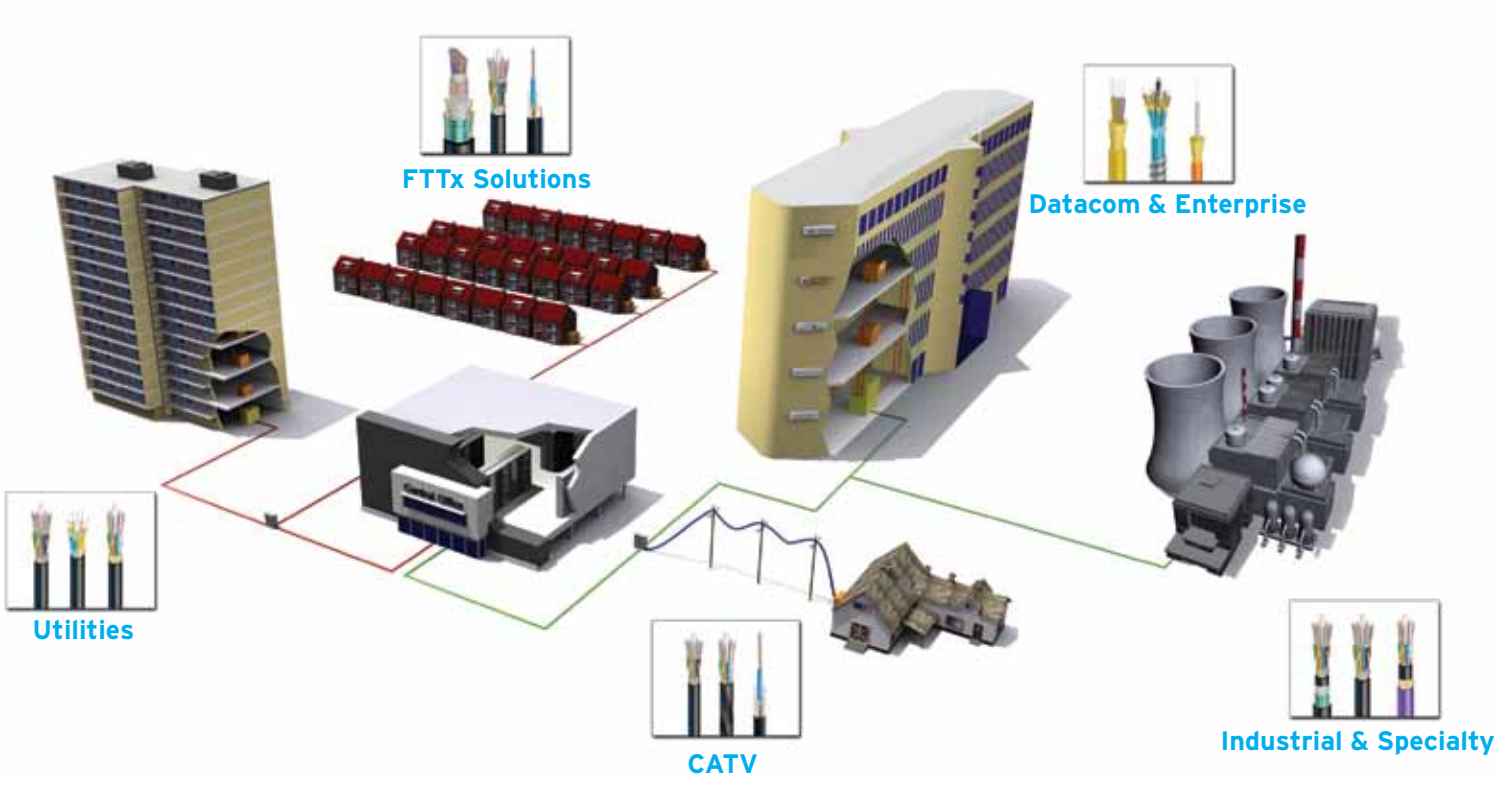
For more information, please call us at 800.879.9862 or visit us online at www.draka.com/communications.

Products

Draka Communications offers a complete family of outdoor, indoor-outdoor, indoor and specialty fiber cabling that allows network operators, installers and enterprises to simply and cost-effectively deploy fiber infrastructure. These cables are available with a diverse line of single-mode, multimode and specialty fibers to fit virtually any application while supporting scalable bandwidth and next generation broadband transmission.

Markets Served

Network operators, installers and enterprises benefit from Draka's ability to help companies deploy reliable broadband fiber infrastructure at the lowest installed cost – making fiber-rich architectures cost-competitive with traditional network infrastructure. Some of the markets where Draka Communications cabling is deployed include data centers, telecommunications carriers, CATV and video operators, utilities, enterprises & government agencies, nuclear power generation plants & municipalities (federal, state, and local).



Draka develops, delivers and deploys indoor, indoor-outdoor, outdoor and specialty fiber optic cables to connect your networks & cities

Draka Fiber Optic Premise Designs for Indoor, Indoor-Outdoor & Specialty Applications

- **Indoor: Riser, plenum and low-smoke zero-halogen (LSZH) cables in tight buffered distribution, breakout and interconnect cordage designs**
- **Indoor-Outdoor: Flame retardant, robust & versatile**
- **Specialty: Unique cable designed for challenging applications in living units, industry, power plants, airports, petrochemical facilities and mines**

With 27 million miles of fiber cable already deployed in North America, Draka fiber cable can be found in a wide variety of private network applications such as data centers, schools, transportation systems, hospitals, wind farms and a multitude of other environments. We know your challenges of working in crowded buildings, tight spaces, meeting building codes, deadlines & working with other obstacles. Draka understands the importance of deploying cable that can work within these conditions while keeping a network up, safe & reliable. Our premise cables are engineered with superior mechanical and optical performance while also meeting all critical NEC/CSA requirements for riser or plenum applications.

Indoor & Indoor-Outdoor Cable Designs

ezDISTRIBUTION™ cables package up to 144 color-coded 900µm tight buffered fibers into a single flame-retardant cable that provides easy installation and direct termination for intrabuilding and indoor applications.

Our robust indoor ezBREAKOUT™ and ezINTERCONNECT™ cables feature an easily strippable tight buffered coating, which enables simple direct field termination capability. Also, our ezINTERCONNECT ribbon cables and microfiber (MFC) cables provide solutions for applications requiring multi-fiber MPO style connectors.

The flame retardant ezPREP® indoor-outdoor loose tube cable series is offered in both gel-filled and gel-free loose tubes for ease of installation. These cables offer a tighter packing density for higher fiber counts in a variety of sheath options including corrugated steel tape for rodent protection as well as double jackets for additional mechanical protection.

Interlock armoring can be applied to flame-rated cables for increased protective crush resistance and mechanical protection. These cables also eliminate the need for separate conduit, providing quick one-step economical installation.

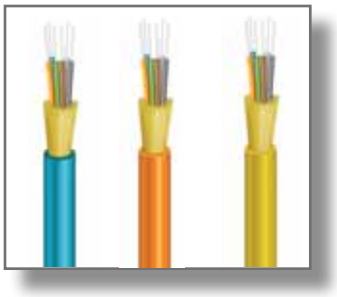
Specialty Cable Designs

Draka provides a variety of specialty cable designs for a wide variety of applications. Draka has ezINTERCONNECT cables for multi-dwelling units (MDUs), security installations and cutting edge data center applications. Draka also manufactures ezPREP cables to perform in harsh environments involving petrochemical resistance, tray suitability, and indoor/outdoor reliability. Draka is a leader in cables to the mining, transit, utility (both nuclear and conventional), and waste water management industries where service continuity is of vital importance. These cable designs incorporate all the value-added benefits of Draka's world class standard products that ease installation, handling and operation.

Draka premise fiber optic cables meet or exceed performance standards as established by TIA/EIA 568, ICEA S-83-596, ICEA S-104-696, Telcordia GR-409 and are RoHS compliant.

Indoor Cable

ezDISTRIBUTION™ Riser, Plenum & LSZH



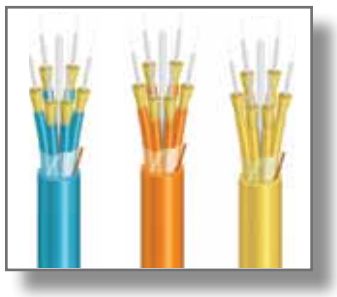
Specifications

Applications	Intrabuilding Indoor Riser and Plenum applications providing direct field connectorization capability
Constructions	Dielectric, Tight Buffered, ≥ 24f designs incorporate 6f or 12f subunits
Flame Ratings	Riser (OFNR/FT-4) & Plenum (OFNP/FT-6)
Fiber Count	2 to 144 Fibers for Riser, 2 to 96 fiber for Plenum
Fiber Types	Single-mode, Multimode and Specialty fibers
Options	Interlock Armor
Performance	TIA-568, ICEA S-83-596, GR-409, UL-1666, NFPA-262, CSA 22.2, RoHS Compliant

Order Information

	Riser / FT-4	Plenum / FT-6	LSZH / Riser / FT-4
Indoor Distribution	400 Series	800 Series	LSZH Series

ezBREAKOUT™ Riser, Plenum & LSZH



Specifications

Applications	For applications where rugged construction and durable routing protection are vital
Constructions	Dielectric, Tight Buffered
Flame Ratings	Riser (OFNR/FT-4) & Plenum (OFNP/FT-6)
Fiber Count	Up to 36
Fiber Types	Single-mode, Multimode and Specialty fibers
Options	Interlock Armor
Performance	TIA-568, ICEA S-83-596, GR-409, UL-1666, NFPA-262, CSA 22.2, RoHS Compliant

Order Information

	Riser / FT-4	Plenum / FT-6	LSZH / Riser / FT-4
Indoor 1.6mm units	516 Series		
Indoor 2.5mm units	525 Series	825 Series	LSZH25 Series

ezINTERCONNECT™ Simplex & Duplex Riser, Plenum & LSZH

Specifications

Applications	Simple routing and patching in communication systems. Base component of optical jumpers and pigtails assemblies
Constructions	Dielectric, Tight Buffered
Flame Ratings	Riser (OFNR/FT-4) & Plenum (OFNP/FT-6)
Fiber Count	1 or 2
Fiber Types	Single-mode, Multimode and Specialty fibers
Options	Alternate Indoor jacket colors available
Performance	TIA-568, ICEA S-83-596, GR-409, UL-1666, NFPA-262, CSA 22.2, RoHS Compliant

Order Information

	Riser / FT-4	Plenum / FT-6	LSZH / Riser / FT-4
Simplex 1.6mm OD	516 Series	816 Series	LSZH16 Series
Simplex 2.0mm OD	520 Series	820 Series	LSZH20 Series
Simplex 2.9mm OD	529 Series	829 Series	LSZH29 Series
Zipcord 1.6mm OD	516Z Series	816Z Series	LSZH16Z Series
Zipcord 2.0mm OD	520Z Series	820Z Series	LSZH20Z Series
Zipcord 2.9mm OD	529Z Series	829Z Series	LSZH29Z Series
2f Round 2.9mm OD	529R Series		

ezINTERCONNECT™ 900 Micron Tight Buffered Fiber

Specifications

Applications	Interconnect functions inside electronics and passive devices
Constructions	Dielectric, Tight Buffered
Fiber Count	1
Fiber Types	Single-mode, Multimode and Specialty fibers
Options	Available in all 12 standard colors
Performance	TIA-568, ICEA S-83-596, GR-409, RoHS Compliant

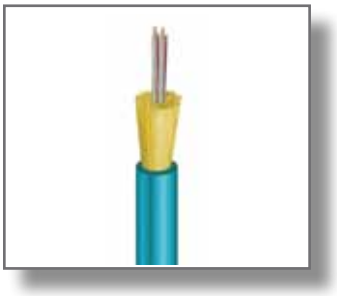
Order Information

	PVC	Polyester Elastomer
900 Micron	900 Series	909 Series

Other cable constructions and fiber performance grades available upon request.

Indoor Cable

Data Center



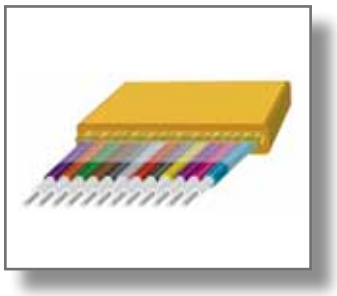
Specifications

Applications	Routing and patching for indoor communication network locations for use with MPO Connectors
Constructions	Dielectric, Loose Tube
Flame Ratings	Plenum (OFNP/FT-6)
Fiber Count	12 to 72
Fiber Types	Single-mode and Multimode
Options	Suitable for MPO Style Connector
Performance	GR-409, ICEA S-83-596; NFPA-262, CSA 22.2; RoHS Compliant

Order Information

	Plenum / FT-6
Round (12, 36 to 72)	MFC Series
Zipcord (24)	MFCZ Series

ezINTERCONNECT™ Ribbon & Plenum



Specifications

Applications	Routing and patching for indoor communication network locations
Constructions	Dielectric, rectangular using 12 fiber ribbon
Flame Ratings	Plenum (OFNP/FT-6)
Fiber Count	12
Fiber Types	Single-mode and Multimode
Options	Suitable for MPO Style Connector
Performance	GR-409, ICEA S-83-596; NFPA-262, CSA 22.2; RoHS Compliant

Order Information

	Plenum / FT-6
Flat Plenum	FRP Series

ezRIBBON™ Riser

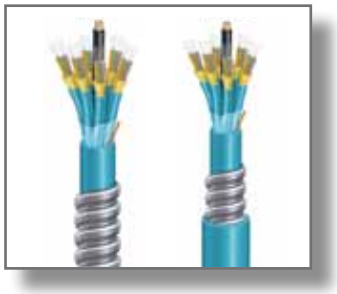
Specifications

Applications	Intrabuilding Indoor Riser in constrained riser shafts and cross floor applications
Constructions	Central Tube Ribbon
Flame Ratings	Riser (OFNR/FT-4)
Fiber Count	Up to 216
Fiber Types	Single-mode
Performance	TIA-568, ICEA S-83-596, GR-409, UL-1666, CSA 22.2, RoHS Compliant

Order Information

	Riser / FT-4
Standard	CRRY Series

Interlock Armor Riser, Plenum & LSZH



Specifications

Applications	Option that increases the mechanical strength of installed cable products Enables the simultaneous installation of a cable within a flexible metal conduit
Constructions	May be applied to Indoor cables
Flame Ratings	Riser (OFCR/FT-4) & Plenum (OFCP/FT-6) as applicable
Fiber Count	Per cable design limits
Fiber Types	Single-mode and Multimode
Options	Aluminum or Steel / Jacketed or Unjacketed
Performance	TIA-568, ICEA S-83-596, GR-409, UL-1666, NFPA-262, CSA 22.2, RoHS Compliant

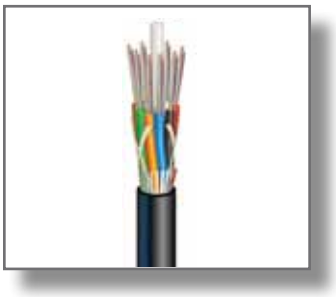
Order Information

Note: The appropriate notation is added after the product family designation in the part number. For example, "400AJ" would designate a riser rated ezDISTRIBUTION cable with aluminum jacketed interlock armor.

Other cable constructions and fiber performance grades available upon request.

Indoor-Outdoor Cable

ezPREP® Gel-Filled Loose Tube Riser & LSZH



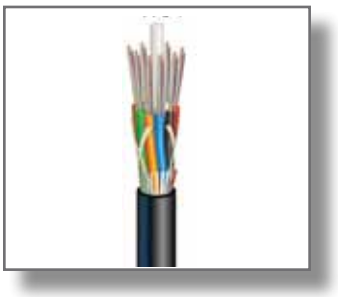
Specifications

Applications	Indoor-Outdoor applications to connect data electronics spaces between buildings when space constraints are present. Utilized in Outside Plant (OSP) and riser applications. Low-Smoke Zero-Halogen (LSZH) constructions are available in all constructions.
Constructions	Stranded Loose Tube
Flame Ratings	Riser (OFNR/FT-4) - non armored Riser (OFCR/FT-4) - armored
Fiber Count	Up to 144 Fibers
Fiber Types	Single-mode, Multimode and Specialty fibers
Options	Double Jacket, Corrugated Armor, Interlock Armor versions
Performance	TIA-568, ICEA S-104-696, GR-20, GR-409, UL-1666, CSA 22.2, RoHS Compliant

Order Information

	Riser / FT-4	LSZH / Riser / FT-4
Standard	DRLTB Series	DRLTZB Series
Double Jacket	DRLTC Series	DRLTZC Series
Corrugated Armor (PSP)	DRLTD Series	DRLTZD Series

ezPREP® Gel-Free Loose Tube Riser, Plenum & LSZH



Specifications

Applications	Indoor-Outdoor applications to connect data electronics spaces between buildings when space constraints are present. Utilized in Outside Plant (OSP), riser and plenum applications. Low-Smoke Zero-Halogen (LSZH) constructions are available in both armored and non-armored versions.
Constructions	Stranded Loose Tube
Flame Ratings	General Purpose (OFNG-LS/ FT-4); Riser (OFNR/FT-4); & Plenum (OFNP/FT-6)
Fiber Count	LSZH (all constructions) up to 288 fibers Riser (standard) up to 288 fibers Riser (double jacket and armor) up to 144 fibers Plenum up to 144 fibers
Fiber Types	Single-mode, Multimode and Specialty fibers
Options	Double Jacket, Corrugated Armor, Interlock Armor versions
Performance	TIA-568, ICEA S-104-696, GR-20, GR-409, UL-1685, UL-1666, NFPA-262, CSA 22.2, RoHS Compliant

Order Information

	Riser / FT-4	Plenum / FT-6	LSZH / General Purpose / FT-4
Standard	DRLDB Series	DPLDB Series	DDLSZHB Series
Double Jacket	DRLDC Series		DDLSZHC Series
Corrugated Armor (SP)			DDLSZHE Series
Corrugated Armor (PSP)	DRLDD Series		

ezPREP® Central Loose Tube Riser, Plenum & LSZH

Specifications

Applications	Low profile, low cost solution option for Indoor-Outdoor applications to connect data electronics spaces between buildings. Low-Smoke Zero-Halogen (LSZH) constructions are available.
Constructions	Central Loose Tube
Flame Ratings	Riser (OFNR/FT-4) & Plenum (OFNP/FT-6)
Fiber Count	2 to 12 Fibers
Fiber Types	Single-mode, Multimode and Specialty fibers
Options	Interlock Armor versions
Performance	TIA-568, ICEA S-104-696, GR-20, GR-409, UL-1685, UL-1666, NFPA-262, CSA 22.2, RoHS Compliant

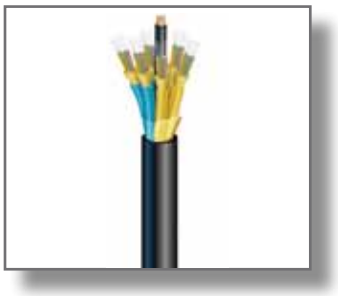
Order Information

	Riser / FT-4	Plenum / FT-6	LSZH / Riser / FT-4
Standard	DRLDB Series	DPLDB Series	DDLSZHB Series

Other cable constructions and fiber performance grades available upon request.

Indoor-Outdoor Cable

ezDISTRIBUTION™ Riser & Plenum



Specifications

Applications	Intrabuilding Indoor Riser and Plenum applications providing direct field connectorization capability
Constructions	Dielectric, Tight Buffered, ≥ 24f designs incorporate 6f or 12f subunits
Flame Ratings	Riser (OFNR/FT-4) & Plenum (OFNP/FT-6)
Fiber Count	2 to 144 Fibers for Riser, 2 to 96 Fiber for Plenum
Fiber Types	Single-mode, Multimode and Specialty fibers
Options	Interlock Armor versions
Performance	TIA-568, ICEA S-104-696, GR-20, GR-409, UL-1666, NFPA-262, CSA 22.2, RoHS Compliant

Order Information

	Riser / FT-4	Plenum / FT-6
Indoor-Outdoor Distribution	C1181 Series	C1182 Series

Interlock Armor

Specifications

Applications	Option that increases the mechanical strength of installed cable products Enables the simultaneous installation of a cable within a flexible metal conduit.
Constructions	May be applied to Indoor-Outdoor cables
Flame Ratings	Riser (OFCR/FT-4) & Plenum (OFCP/FT-6) as applicable
Fiber Count	Per cable design limits
Fiber Types	Single-mode, Multimode and Specialty fibers
Options	Aluminum or Steel / Jacketed or Unjacketed
Performance	TIA-568, ICEA S-83-596, GR-409, UL-1666, NFPA-262, CSA 22.2, RoHS Compliant

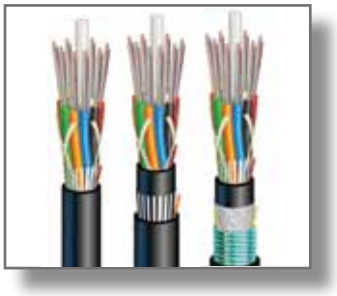
Order Information

Note: The appropriate notation is added after the product family designation in the part number. For example, "C1181AJ" would designate an Indoor/Outdoor riser rated ezDISTRIBUTION cable with aluminum jacketed interlock armor.

Other cable constructions and fiber performance grades available upon request.

Specialty Cable

Chemical Resistant / Tray



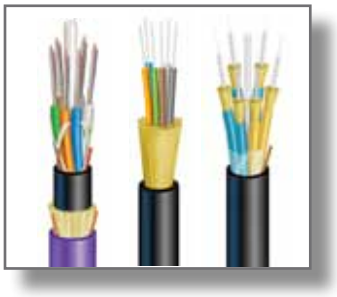
Specifications

Applications	For industrial and airport applications requiring chemical resistance, tray applications and indoor-outdoor suitability
Constructions	Dielectric, Loose Tube
Flame Ratings	General Purpose (OFN-LS/OFC-LS)
Fiber Count	2 to 216
Fiber Types	Single-mode and Multimode
Options	Custom Heavy Duty Tensile Rating Version Available
Performance	GR-20; GR-409; ICEA S-104-696; UL-1685; RoHS Compliant

Order Information

	OFN-LS	OFC-LS
Single Jacket (Standard)	DXPCB Series	
Dual Jacket	DXPCC Series	
Armored, Dual Jacket		DXPCD Series

Mining



Specifications

Applications	Ruggedized cable designs specifically intended for mines, mine shafts and cable trays used for mining applications. Certified for use by national and state authorities
Constructions	Dielectric double jacket, loose tube (LT), 4500N (1000 lb) Heavy Duty Tensile rating Tight Buffered (TB) Breakout (Standard and Heavy Duty) Tight Buffered (TB) Distribution (Standard and Heavy Duty) Pressure extruded jacket
Flame Ratings	Riser (OFNR/FT-4) and/or MSHA/Pennsylvania Bureau of Deep Mine Safety
Fiber Count	Double jacket LT up to 144 Tight Buffered Breakout up to 36 Mining Tight Buffered Distribution up to 12
Fiber Types	Single-mode and Multimode
Performance	GR-20; ICEA S-104-696; UL-1666; RoHS Compliant

Order Information

	MSHA / Riser / FT-4	MSHA
Dual Jacket Loose Tube (Heavy Duty)	RLTM Series	
Tight Buffer Breakout (Standard)	RBOM Series	
Tight Buffer Breakout (Heavy Duty), Pressure Extruded Jacket		RBOPM Series
Mine Tight Buffered Distribution, Single Jacket (Standard)		RTBCM Series
Ruggedized Mine Tight Buffered Distribution, Double Jacket (Heavy Duty)		RTBM Series

Petrochemical / Utility / Waste Water Management

Specifications

Applications	For harsh environmental conditions where chemical resistance, extreme crush resistance and low temperature performance are vital performance requirements. Suitable for petrochemical facilities, tray, water supply & power generation sites and waste water/storm drain management applications.
Constructions	Dielectric double jacket, loose tube, 4500N (1000 lb) Heavy Duty Tensile rating
Flame Ratings	General Purpose (OFNG / FT-4)
Fiber Count	2 to 288
Fiber Types	Single-mode and Multimode
Performance	ICEA S-104-696; UL-1685; CSA 22.2, CSA 230; CSA 232; RoHS Compliant

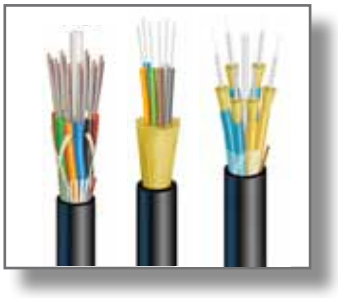
Order Information

	OFNG / FT-4
Dual Jacket (Standard)	DWWC Series

Other cable constructions and fiber performance grades available upon request.

Specialty Cable

Nuclear*



Specifications

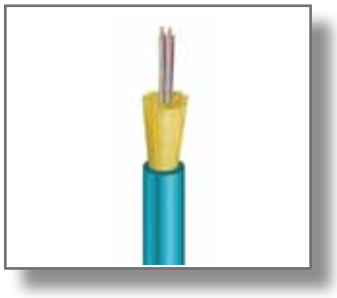
Applications	Ruggedized loose tube and tight buffered cable designs ideally suited for use in nuclear power plants for communication links, data networks, video broadcasting and emergency system repair. These cables are built to conform to the requirements of the Nuclear Regulatory Commission (NRC), are all PVC-free constructions and comply with the Quality Assurance Requirements of 10CFR50, Appendix B.
Constructions	Dielectric Loose Tube (LT) Tight Buffered (TB) Distribution Tight Buffered (TB) Breakout
Flame Ratings	General Purpose (OFN-LS), Riser (OFNR/FT-4) or Plenum (OFNP/FT-6)
Fiber Count	Loose Tube up to 288 LSZH Tight Buffered Distribution up to 72 Tight Buffered Breakout up to 36
Fiber Types	Single-mode, Multimode and Radiation Hardened optical fiber
Options	Interlock armor versions
Performance	IEEE-383; 10CFR50, Appendix B; ICEA S-83-596; UL-1685; UL-1666; CSA 22.2; NFPA-262; RoHS Compliant

Order Information

	General Purpose	Riser / FT-4	Plenum / FT-6
LSZH Gel-Filled Loose Tube	S779L Series		
LSZH Gel-Free Loose Tube		S5014 Series	
LSZH TB Distribution		S691T Series	
LSZH TB Breakout		S690T Series	
Plenum TB Breakout			S753T Series

*Note: Nuclear Cables are exclusively sold through Cablelan, a United States Draka authorized distributor.

Data Center



Specifications

Applications	Routing and patching for indoor communication network locations for use with MPO connectors
Constructions	Dielectric, Loose Tube
Flame Ratings	Plenum (OFNP/FT-6)
Fiber Count	12 to 72
Fiber Types	Single-mode and Multimode
Options	Suitable for MPO Style Connectors
Performance	GR-409, ICEA S-83-596; NFPA-262, CSA 22.2; RoHS Compliant

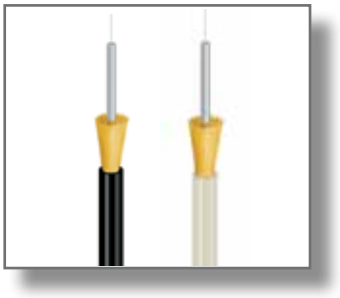
Order Information

	Plenum / FT-6
Round (12, 36 to 72)	MFC Series
Zipcord (24)	MFCZ Series

Other cable constructions and fiber performance grades available upon request.

Specialty Cable

MDU



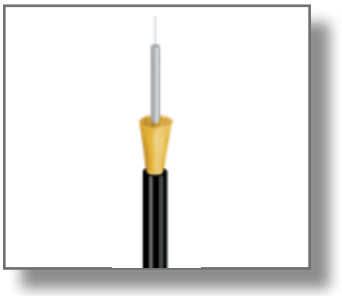
Specifications

Applications	Routing and patching in locations with tight bends such as apartments, condominiums and business retail centers
Constructions	Dielectric, Tight Buffered
Flame Ratings	Riser (OFNR/FT-4)
Fiber Count	1
Fiber Types	BendBright-XS and BendBright-Elite
Options	Alternate Indoor jacket colors available
Performance	ITU-T G.657; GR-409, ICEA S-83-596; UL-1666, CSA 22.2; RoHS Compliant

Order Information

	Riser / FT-4
Indoor 2.9mm OD	MDU829IV Series
Indoor 4.8mm OD	MDU548IV Series
Indoor Outdoor 4.8mm OD	MDU548BK Series

Security



Specifications

Applications	Routing and patching in locations with tight bends to support security systems in residential and industrial areas
Constructions	Dielectric, Tight Buffered
Flame Ratings	Riser (OFNR/FT-4)
Fiber Count	1
Fiber Types	BendBright-XS and Multimode
Options	Alternate Specialty jacket colors available
Performance	ITU-T G.657; GR-409, ICEA S-83-596; UL-1666, CSA 22.2; RoHS Compliant

Order Information

	Riser / FT-4
Indoor 4.8mm OD	ISOC Series
Indoor Outdoor 4.8mm OD	ISOCBK Series

Other cable constructions and fiber performance grades available upon request.

Value Innovation – the "ez" advantage in Draka Outdoor Cable:

- ezPREP® Loose Tube, ezRIBBON™ and ezDROP™ cables
- Colorlock-XS® fiber coatings
- Enhanced single-mode (ESM) low water peak fiber
- BendBright®, BendBright-XS & BendBright-Elite bend insensitive fibers
- TeraLight®, NZDSF-LA and ezDISTANCE™ long distance fibers
- Proprietary flexible buffer tubes with 20' midspan access and storage length
- Ripcords that speed cable entry & outer jacket removal
- Adhesive bond between armor and jacket for easy cable entry
- Perfect traverse and attenuation test results sent with every reel
- ezTools™ to make your job easier

Outdoor Cable Designs

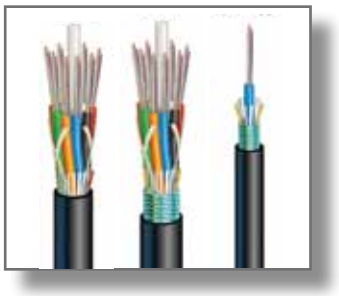
Whether it is cross-campus or cross-country, Draka can deliver high-performance broadband cabling for every part of your outdoor network. Our "ez" family of cables is designed from the inside out to be the most user-friendly in the industry, starting with the fiber itself. Optical fiber reliablity is dependent on the cable design that protects it. Draka uses an impact modified polypropylene copolymer material in our buffer tubes that reduces the risk of fiber damage due to kinking and maintains flexibility even in cold temperatures. Our buffer tubes also allow for 20' of slack storage and are available in a gel and gel-free versions.

When designing a cable, sometimes it's the little things that create value when working with Draka fiber optic cable. For example, all Draka single jacket cables contain at least one ripcord, but Draka armored and multi-jacket cables have two ripcords to ensure ease of entry. In addition, Draka is the only manufacturer to use an adhesive bond between its armor and jacket. This prevents the jacket from adhering directly to the armor so it can be easily removed, which is especially important when attempting a mid-span entry. Finally, Draka cable is spooled with a perfect traverse to prevent tangling upon installation and we attach attenuation test results to every reel.

To make certain that accessing our cable is "ez", Draka also designed the best buffer tube access tool available. Not only is it incredibly simple to use, ezTools have been tested by Telcordia and shown to prevent damage to the fiber that is common with other tools.

Outdoor Cable | General Purpose

ezPREP® Gel & Gel-Free Loose Tube



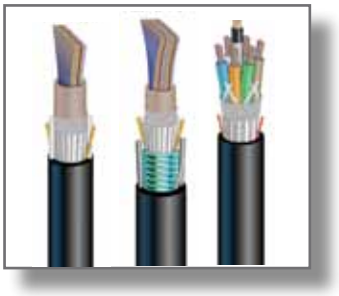
Specifications

Applications	Multi-purpose Outdoor – Aerial Lashed, Duct, Direct Buried
Constructions	Dielectric, Armored, Double Armored
Fiber Count	2 to 432 Fibers in Color-Coded Buffer Tubes
Fiber Types	Single-mode, Multimode and Specialty Fiber
Options	Central Loose Tube 300 & 600 lbf. (2-12f) / Gel & Gel-Free / -50˚C Versions
Performance	ANSI/ICEA S-87-640, RUS 7 CFR-1755-900 (PE90 Listed), Telcordia GR-20

Order Information

	Series	Fiber Count
ezPREP Loose Tube	ETH	2 to 432 Fibers (12 Fibers per Tube)
ezPREP Loose Tube | Gel-Free	EDH	2 to 432 Fibers (12 Fibers per Tube)
ezPREP Loose Tube | Heavy Duty	E3H	2 to 288 Fibers (12 Fibers per Tube)
ezPREP Loose Tube | Heavy Duty Gel Free	E3D	2 to 288 Fibers (12 Fibers per Tube)
ezPREP Loose Tube | Central 300	C3R	2 to 12 Fibers (300 lbf rated)
ezPREP Loose Tube | Central 300 Gel Free	D3R,	2 to 12 Fibers (300 lbf rated)
ezPREP Loose Tube | Central 600	C6H	2 to 12 Fibers (600 lbf rated)
ezPREP Loose Tube | Central 600 Gel Free	D6H	2 to 12 Fibers (600 lbf rated)

ezRIBBON™ Gel & Gel-Free



Specifications

Applications	Multi-purpose Outdoor – Aerial Lashed, Duct, Direct Buried Multi-fiber Mass Fusion Splicing – High Counts & High Density
Constructions	Dielectric, Armored
Fiber Count	12 to 864 Fibers in Multi-fiber Ribbons
Fiber Types	Single-mode
Options	Central Tube & Ribbon in Loose Tube Designs / Gel & Gel-Free
Performance	ANSI/ICEA S-87-640, RUS 7 CFR-1755-900 (PE90 Listed), Telcordia GR-20

Order Information

	Series	Fiber Count
ezRIBBON | Central Tube	CR2	12 to 216 Fibers (12 Fiber Ribbons)
ezRIBBON | Central Tube	CR4	240 to 432 Fibers (24 Fiber Ribbons)
ezRIBBON | Central Tube Gel-Free	DR2	12 to 216 Fibers (12 Fiber Ribbons)
ezRIBBON | Central Tube Gel-Free	DR4	240 to 432 Fibers (24 Fiber Ribbons)
ezRIBBON | Loose Tube	SRS	288 to 864 Fibers (12 Fiber Ribbons)

ezMICROUNITUBE™

Specifications

Applications	Multi-purpose Outdoor – Aerial Lashed, Duct, Direct Buried
Constructions	Dielectric, Armored
Fiber Count	2 to 24 Fibers Armored Fiber Bundles Separated by Color-coded Binder Threads 2 to 12 Fibers (Dielectric)
Fiber Types	Single-mode, Multimode and Specialty Fiber
Performance	ANSI/ICEA S-87-640, RUS 7 CFR-1755-900 (PE90 listed), Telcordia GR-20

Order Information

	Series	Fiber Count
ezMICROUNITUBE	UMH	2 to 24 Fibers (12 Fiber Bundles)

Other cable constructions and fiber performance grades available upon request.

Outdoor Cable | Application Specific

ezDROP™ Flat, Figure 8, Ribbon & ezPREP® Central Loose Tube

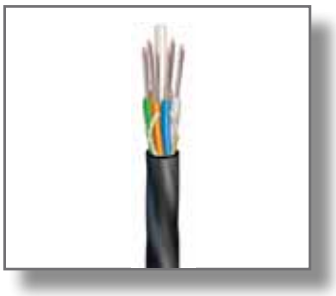
Specifications

Applications	Multi-purpose FTTx – Aerial Self-Support, Direct Buried or Duct Using Existing Hardware & Methods
Constructions	Flat (Dielectric, Toneable) / Figure 8 / Ribbon (Dielectric, Toneable)
Fiber Count	1 to 12 Fibers (Flat) / 2 to 6 Fibers (Figure 8) / 4 or 6 Fiber Ribbon (Flat)
Fiber Types	Single-mode and Multimode
Options	Packaging: Portable Box / Spool / Bulk Reel / Preconnectorized (1 or 2 Ends)
Performance	Applicable ANSI/ICEA, RUS Listed, Telcordia GR-20 for Drop Cable Requirements

Order Information

	Series	Fiber Count
ezDROP | Flat, Dielectric	DFS	1 to 12 Fibers
ezDROP | Flat, Toneable	DFT	1 to 12 Fibers
ezDROP | Figure 8	DF8	2 to 6 Fibers
ezDROP | Ribbon, Dielectric	DRS	4 or 6 Fibers
ezDROP | Ribbon, Toneable	DRT	4 or 6 Fibers
ezPREP Loose Tube | Central 300	C3H	1 or 12 Fibers (without ripcords)
ezPREP Loose Tube | Central 300	D3H	1 or 12 Fibers (without ripcords) Gel-Free
ezPREP Loose Tube | Central 300	C3R	1 or 12 Fibers (with ripcords)
ezPREP Loose Tube | Central 300	D3R	1 or 12 Fibers (with ripcords) Gel-Free

ezMICRODUCT™



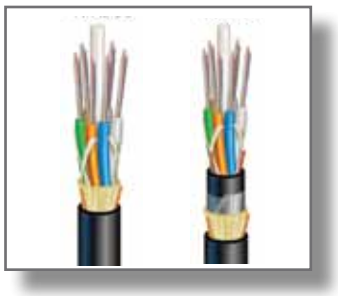
Specifications

Applications	Jetted Micro-Duct Deployment, Installed in micro-ducts or partially filled duct
Constructions	Stranded Dielectric Loose Tube / Specialized Jacket & Construction
Fiber Count	2 to 144 fibers in Color-Coded Buffer Tubes
Fiber Types	Single-mode, Multimode and Specialty Fiber
Options	19 AWG Tone Wire
Performance	ANSI/ICEA, IEC, RUS Listed, Telcordia GR-20

Order Information

	Series	Fiber Count
ezMICRODUCT | Dielectric	MDS	2 to 144 Fibers

ezSPAN® ADSS Cable



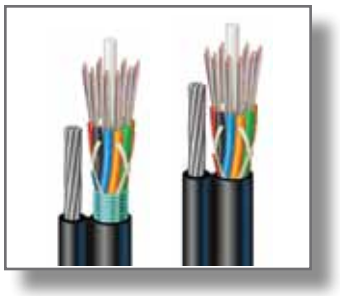
Specifications

Applications	Self-Supporting Aerial Deployment for Communications & Power Transmission Space Engineered to Specific Span & Environmental Loading Conditions with Proven Compatibility with Standard Hardware & Practices.
Constructions	All Dielectric – Typical Span Lengths (Dependent Upon Span & Loading Conditions) Short Span (up to 1,700' / 500m) & Long Span (up to 2,600' / 800m)
Fiber Count	2 to 288 Fibers in Color-Coded Buffer Tubes
Fiber Types	Single-mode and Multimode
Options	Single or Dual Jackets / Track Resistant Jacket Option Matching Pole Attachment Hardware: Dead Ends, Suspension Clamps
Performance	IEEE 1222, ANSI/ICEA S-87-640, RUS 7 CFR-1755-900 (PE90 listed), Telcordia GR-20

Order Information

	Series	Span Lengths
ezSPAN ADSS | Short Span	ADE	Up to 1,700' / 500m (2 to 144 fibers)
ezSPAN ADSS | Long Span	ADL	Up to 2,600' / 800m (2 to 288 fibers)
ezSPAN ADSS | UltraLight	ADU	Up to 430' / 130m (2 to 30 fibers)

ezPREP® Loose Tube Figure 8 Cable



Specifications

Applications	Self-Supporting Aerial Deployment for Communications Space Single-Step Placement up to 600' (183m) Dependent on Loading Conditions
Constructions	Non-armored & Armored with 1/4" (6.4mm) Integrated Messenger
Fiber Count	2 to 216 Fibers in Color-Coded Buffer Tubes
Fiber Types	Single-mode, Multimode and Specialty Fiber
Performance	ANSI/ICEA S-87-640, RUS 7 CFR-1755-900 (PE90 Listed), Telcordia GR-20

Order Information

	Series	Span Lengths
ezPREP Loose Tube | Figure 8	F8S	Up to 600' / 183m (Dependent on Loading)

Other cable constructions and fiber performance grades available upon request.

Tools

ezTOOLS™ Midspan Access Tool

Specifications

Applications	Reliable Tube Mid-entry into Draka's Loose Buffer Tubes & Central Tubes Flexible Access for Fiber Distribution, Drops & Reconfiguration
Tool Types	Loose Tube (1.5 to 4.3mm) & Central Tube (4.3 to 14.0mm) Versions
Options	Inserts to Fit a Variety of Loose Tube & Central Tube Sizes

Order Information

	Tube Sizes / Inserts (mm)
ezTOOLS | Loose Tube	1.5 / 1.8 / 1.9 / 2.0 / 2.2 / 2.4 / 2.5 / 2.6 / 2.7 / 2.8 / 3.0 / 4.3mm
ezTOOLS | Central Tube	4.3 / 6.1 / 6.3 / 7.0 / 7.9 / 9.1 / 10.4 / 11.7 / 12.2 / 14.0 / 14.5mm

ezTOOLS™ Cable Slitter Tool

Specifications

Applications	Removes the Jacket Sheath & Armor on fiber cables Ring cuts & longitudinal jacket slitting
Cable Types	Round cables from 1/4" to 1" diameter (6 to 25mm)
Tool Types	Simple one hand operation / Slitting Action / Quick change from ring to longitudinal cuts
Options	Replacement blades for long-term use

Item Description

	Part Number
Cable Jacket Slitter Tool	20030754
Replacement Blades	20030755

Other cable constructions and fiber performance grades available upon request.

Connectorized Cable

- CATV node cables
- ezDROP™ connectorized cables
- MDU connectorized cables

Draka offers a variety of connectorized fiber cables for indoor and outdoor applications. Many of Draka's connectorized cables are available with Megladon's HLC® Scratchguard™ technology* which provides a scratch resistant, highly durable fiber mating surface.

Draka is also a leading supplier of fiber cable to other OEM's who specialize in providing quick turn connectorized fiber cables to the Americas market.

When ordering Draka connectorized cables, ask about our expanding line of bend insensitive fibers for use in your connectorized cable products. Draka is a leading manufacturer of bend insensitive single-mode and multimode fiber cables which are rapidly expanding into the world of connectorized cable applications.

Visit us online at www.draka.com/communications or contact us at 800.879.9862 (International: 828.459.8895)
The Draka policy of continuous improvement may result in changes to specifications without prior notice.
Please refer to www.draka.com/communications for the latest version.
* HLC® and Scratchguard™ are registered trademarks of Megladon®.

Connectorized Cable

CATV Connectorized Node*

Specifications

Applications	CATV, FTTx, Nodes
Configurations	Preconnectorized Central Loose Tube Armored and Dielectric
Connector Types	SC, FC with UPC (Ultra PC), APC (Angled PC) with HLC® Scratchquard™ Technology
Fiber Count	Up to 12 fibers
Fiber Types	Single-mode
Options	Preconnectorized Ends - 1 (pigtail) With or without 5/8" Metal Grommet Packaging: coils (up to 200') or reels

* HLC® and Scratchquard™ are registered trademarks of Megladon®.

MDU Indoor Bundle

Specifications

Applications	Intrabuilding Indoor Riser for hallways of residential multi-dwelling units (MDU) and corridors of commercial multi-tenant units (MTU)
Configurations	Preconnectorized 1.6mm tight buffered subunits, 6f or 12f versions
Connector Types	Preconnectorized SCAPC (one end)
Fiber Count	6 or 12
Fiber Types	Bend Insensitive Fiber
Options	Preconnectorized end with pulling sock attachment Packaged on disposable reel Standard lengths of 100, 150, 200, 250, 300, 400, 500 feet

ezDROP™ Connectorized

Specifications

Applications	Preconnectorized FTTx Drop Cable Aerial Self-Support, Direct Buried, Duct
Configurations	Preconnectorized Fiber Drop Cable (1, 2-12 fiber)
Connector Types	LC, SC, FC, & ST & Hardened Connectors (Ultra & Angled Polish Available)
Fiber Count	up to 12 (Confirguration Dependent)
Fiber Types	Single-mode and Multimode
Cable Types	1-6f Flat Drop Cable - Dielectric, Toneable; 2-12f Central Loose Tube Armored
Options	Preconnectorized ends: 1 (pigtail) or 2 (jumpers) Packaging: coils (up to 200') or reels ANSI/ICEA, RDUP/RUS, Telcordia GR-20 Drop cable specifications, GR3120

MDU Connectorized Drop

Specifications

Applications	Multiple Dwelling Units (MDU)
Configurations	Cables (1 or 2 ends)
Connector Types	Preconnectorized SCAPC
Fiber Count	1 fiber
Fiber Types	Bend-Insensitive Fiber
Options	Reels with 50, 100, 150, 200, 250, 300 foot lengths

Other cable constructions and fiber performance grades available upon request.

Industry-Leading Optical Fiber Innovations

- BendBright® and ColorLock® Single-mode Fiber Innovations
- MaxCap® -BB-OM2+, OM3 and OM4 Multimode Fiber

Full Family of Single-mode & Multimode Fibers

Draka offers a complete portfolio of optical fibers to support a variety of cable applications and requirements. Single-mode fibers include Enhanced Single-mode (Low Water Peak), TeraLight®, NZDSF-LA, ezDISTANCE™, LongLine, BendBright, BendBright-XS and BendBright-Elite. All Draka fibers are fully compliant with relevant industry standards including ITU, TIA, ICEA, IEC, Telcordia and RUS. Thanks to unique processes developed in-house, the PCVD™ (Plasma-activated Chemical Vapor Deposition) core preform process and the APVD® (Advanced Plasma Vapor Deposition) over cladding process, as well as a strong commitment to research and development, Draka Communications Optical Fiber is well positioned to provide customers with the right fiber product to meet all of their communication needs.

Draka's unique manufacturing success has been vital in making Draka the leading supplier of Bend-Insensitive single-mode and multimode fibers. Draka 50µm multimode fiber is supplied with the BendBright technology for enhanced bending performance.

About ColorLock-XS® Fiber Coating

Unlike other single-mode fibers on the market that require an additional process to color the fiber, ColorLock-XS uses a patented technology in which the fibers are colored during the draw manufacturing process. Draka fibers offer unmatched reliability and world-class optical and aging performance using Draka's revolutionary ColorLock-XS Coating System which incorporates color into the fibers' secondary coating. This replaces the traditional method of surface application of thin layers of ultraviolet (UV) curable inks by passing the fiber through small dies. Coloring with inks after the fiber is made can result in geometric fluctuations, color variations and reduction in strength through die abrasion. With Draka fibers, coated geometry is guaranteed and fiber color is always vibrant and consistent, even with age. Most important, Draka is the only manufacturer that tests after coloring, guaranteeing fiber strength and durability. Fibers made by other manufacturers are proof-tested uncolored, leaving the impacts of coloring on the fibers' strength untested.

Single-mode Fibers

ESMF, BendBright®, BendBright-XS, BendBright-Elite, TeraLight®, NZDSF-LA, ezDISTANCE™ & LongLine

Specifications

Applications	Extended Spans & High Data Rates Used in Telecom, CATV, FTTx & Long-Haul	
Transmission	Typically Includes SONET, SDH, DWDM, ATM, Ethernet, IP, Analog Video & Others	
Benefits	Low Attenuation / DWDM / Lifetime Reliability / ColorLock-XS® Coating	
Fiber Types	**ESMF:**	Full Spectrum 1260-1625nm / G.652.D
	BendBright:	ESMF with Improved Bend Performance / G.652.D
	BendBright-XS:	Bend-Insensitive SMF with Improved Bend Performance / G.652.D, G.657.A & B
	BendBright-Elite:	Ultra Bend-Insensitive SMF (UBIF) / G.652.D, G657.A & B
	TeraLight:	Long-Haul NZDS / DWDM / ITU-T, G.656, G.655
	NZDSF-LA:	Long-Haul NZDS / DWDM / ITU-T, G.655
	LongLine:	Ultra Long Haul / ITU-T G.654.B
Performance	**ezDISTANCE:**	Ultra Low Loss Bend-Insensitive SMF (USIF) / G.652.D & G.657.A & B
		IEC 60793-2-50, ANSI/ICEA, RUS, Telcordia GR-20-CORE

Order Information

	Application	Fiber Code	Spec (ITU)
ESMF Enhanced Single-mode	Metro	ES	G.652.D
BendBright	Metro, Access	BB	G.652.D and G.657.A1
BendBright-XS	Access, Premises, Metro	BX	G.652.D and G.657.A2 & B2
BendBright-Elite	Premise	BE	G.652.D and G.657.B3/B2/A2
TeraLight Ultra	Long-Haul	TU	G.655.C & E and G.656
TeraLight	Long-Haul	TM	G.655.C & E and G.656
NZDSF-LA	Long-Haul	LA	G.655.C & D
ezDISTANCE™ Ultra Low Loss	Long-Haul, Metro	UL	G.652.D and G.657.B2 & A2
LongLine	Long-Haul	LL	G.654.B

Multimode Fibers

MaxCap®, Standard

Specifications

Applications	Building, Campus, Data Center & Local Area Network
Transmission	Typically Includes Ethernet, ATM, Fiber Channel, FDDI, Token Ring
Benefits	Coupling Efficiency / High Bandwidth / Laser Optimized / PCVD™ Process
Fiber Types	MaxCap: Maximum Bandwidth / 10 GbE Optimized - Bend-Insensitive / 50µm Core
	Standard: Legacy Bandwidth / Up To 1 GbE Distance-limited / 50 & 62.5µm Core
Performance	IEC 60793-2-10, ISO/IEC 11801, TIA-492A

Order Information

	Core Size	Fiber	Code Spec (ISO / IEC)
MaxCap-BB-OM4 (10 GbE / 550m)	50µm	5G	OM-4 / A1a.2
MaxCap-BB-OM3 (10 GbE / 300m)	50µm	5F	OM-3,4 / A1a.2
MaxCap-BB-OM2+ (10 GbE / 150m)	50µm	5E	OM2/OM-2+ / A1a.2
Legacy 62.5µm (Std Graded-Index)	62.5µm	6S	OM-1 / A1b

Fiber Optic Cable Pre-Order Guide

Draka manufactures more than 100,000 varieties of fiber optic cable. We have prepared this guide to help you select the ideal cable for your application.

1. How many fibers are needed in this cable?

Choose 1-864:_____
Advice: When above 12 fibers, order in units divisible by 12 (ex: 24, 36, 48)

2. What type of fiber is required in this cable? (Check One)

- ❑ Enhanced Low Water Peak Single-mode G. 652.D
- ❑ Bend-Insensitive Fiber (BendBright) G.657.A1 & G.652.D
- ❑ BendBright-XS, G.657.B2 & A2, G.652.D
- ❑ BendBright-Elite, G.657.B3 & A2, G.652.D
- ❑ Non-Zero Dispersion Shifted Single-mode – Large area – (NZDS-LA), G.655
- ❑ Non-Zero Dispersion Shifted Single-mode – TeraLight® – (NZDS-TLU), G.655 & G.656
- ❑ 62.5 micron OM1 Multimode Fiber
- ❑ 50 micron OM2 Multimode Fiber (MaxCap-BB-OM2+)
- ❑ 50 micron OM3 10 GbE Multimode Fiber (MaxCap-BB-OM3)
- ❑ 50 micron OM4 10/40 GbE Multimode Fiber (MaxCap-BB-OM4)
- ❑ Ultra Low Loss (Long Distance)

3. Total length of cable needed?

_____ meters or feet
Advice: Draka has a minimum order quantity of 1,640 feet for indoor cable and 3,280 feet for outdoor cable.

4. Do you need the cable cut into specific lengths or packaged in a unique way?

_____
Advice: Draka typically places cables on non-returnable wood reels.
Advice: Cables cut to lengths less than 3,280 feet (outdoor cable) or 1,640 feet (indoor cable) will experience a cut fee.

5. Is this cable for indoor, outdoor or indoor-outdoor use? (Check One)

- ❑ For Outdoor Cables answer questions 5A – 5B:
- ❑ For Indoor Cables answer questions 6A – 6C:
- ❑ For Indoor-Outdoor Cables answer questions 7A – 7B

Outdoor Cables:

5a: Select the cable construction you desire for this cable: (Check One)

- ❑ Loose Tube
  - ❑ Gel Tubes or ❑ Gel-Free Tubes
- ❑ Central Tube Ribbon with Gel Filled Tube (12 to 432 fibers)
- ❑ Central Tube Ribbon with Gel-Free Tube (12 to 432 fibers)
- ❑ Ribbon in Loose Tube (>288 to 864 fibers)
- ❑ ADSS (All Dielectric Self-Support Cable)
- ❑ Figure 8 Cable
- ❑ Central Tube Cable (1-12 fibers only) 600 lb. strength
  - ❑ Gel Tubes or ❑ Gel-Free Tubes
- ❑ Central Tube Cable (1-12 fibers only) Gel Filled 300
  - ❑ with ripcord or ❑ without ripcord
  - ❑ Gel Tubes or ❑ Gel-Free Tubes
- ❑ Flat Drop Cable (1 – 12 fibers only)
- ❑ Flat Drop Cable Toneable (1-12 fibers only)

5b: Select the jacket (sheath) configuration for this cable: (Check One)

- ❑ Dielectric (non-armor)
- ❑ Single Armor – Single Jacket
- ❑ Single Armor- Double Jacket
- ❑ Double Armor – Triple Jacket
- ❑ Double Jacket – Aramid Yarns between Jackets
- ❑ Double Jacket – Fiberglass Yarns between Jackets

Indoor Cables:

6a: Select the safety flame rating or special performance desired for this cable: (Check One)

- ❑ General Purpose
- ❑ Riser Rated (FT4)
- ❑ Plenum Rated (FT6)
- ❑ Low-Smoke Zero-Halogen
- ❑ Chemical Resistant
- ❑ Mining Rated (MSHA)

6b: Select the cable construction you desire for this cable: (Check One)

- ❑ Simplex (1 fiber only)
- ❑ MDU (1 fiber only)
- ❑ Zipcord (2 fibers only)
- ❑ Tight Buffered Distribution
- ❑ Tight Buffered Breakout
- ❑ Flat Ribbon Interconnect (12 fibers only)
- ❑ Round Central Tube Ribbon Riser
- ❑ Data Center (12 to 72 fibers)

6c: Do you desire the cable to be placed inside of interlock armor? (Check One)

❑ yes ❑ no

Indoor Outdoor Cables:

7a: Select the format of the fibers for this cable: (Check One)

- ❑ Loose Tube
  - ❑ Gel Tubes or ❑ Gel-Free Tubes
- ❑ Tight Buffered

Indoor Outdoor Cables:

7b: Select the safety flame rating or special performance desired for this cable: (Check One)

- ❑ Riser Rated (FT4)
- ❑ Plenum Rated (FT6)
- ❑ Low-Smoke Zero-Halogen

Tools:

8: Do you need tools to help install, open or splice your fiber cable? (Check One)

- ❑ Loose Tube Tool
- ❑ Central Tube Ribbon Tool
- ❑ Jacket Sheath Cutting Tool

Fiber Optic Color Code Guide & Multimode Fiber Specifications

Fiber Optic Color Code for Tight Buffers, Loose Tube (TIA/EIA-598)

Position	Colors
1	Blue
2	Orange
3	Green
4	Brown
5	Slate (Gray)
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Rose (Pink)
12	Aqua (Light Blue)

Fiber Optic Color Code for Jackets (TIA/EIA-598)

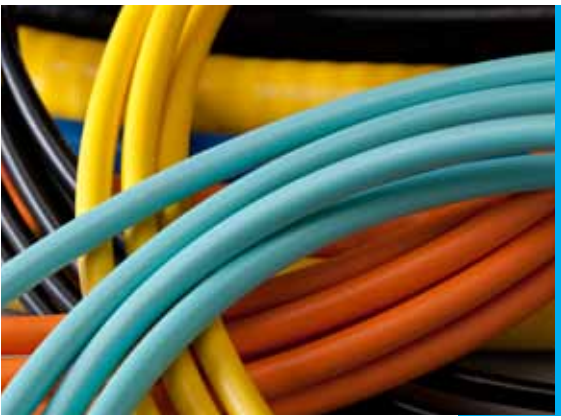
- **MaxCap-BB-OM3/OM4**
  400, 800, LSZH, 525, 825, LSZH25, All Interconect series, riser, plenum and LSZH
- **MMF - 62.5/50µm, OM1/OM2+**
  400, 800, LSZH, 525, 825, LSZH25, All Interconect series, riser, plenum and LSZH
- **Enhanced Single-mode including BB-XS**
  400, 800, LSZH, 525, 825, LSZH25, All Interconect series, riser, plenum and LSZH
- **Hybrid**
  400, 800, LSZH, 525, 825, LSZH25, All Indoor-outdoor cables and Outside Plant Cable regardless of fiber types

Multimode Fiber Specifications

Fiber Class 11801 OFL BW	Fiber Type	1 Gb/s Link 850nm 1300nm		10 Gb/s Link 850nm Serial	10 Gb/s Link 1300nm WWDM	40G/100G Link 850nm Parallel links	Jacket Color
		1000BASE SX	LX	10GBASE-SR	10GBASE-LX4 High System Cost	40GBASE-SR4 100GBASE-SR10	
OM-1 62.5 µm 200/500 MHz.km	Standard	275 m	550 m	33 m	300 m	Not Applicable	
OM-2+ 50 µm 700/500 MHz.km	Standard	550 m	550 m	82 m	300 m	Not Applicable	
	MaxCap-BB-OM2+	750 m	550 m	150 m	300 m		
OM-3 50 µm 1500/500 MHz.km	MaxCap-OM3	1000 m	550 m	300 m	300 m	100 m	
	MaxCap-BB-OM3 EMB=2000/500 MHz.km						
OM-4 50 µm 3500/500 MHz.km	MaxCap-OM4	1100 m	550 m	550 m	300 m	150 m	
	MaxCap-BB-OM4 EMB=4700/500 MHz,km						

OFL: Over Filled Bandwidth
EMB: Effective Modal Bandwidth

Draka Communications Americas Quality Policy, Certifications & Awards



Quality Policy

Draka is committed to understanding and exceeding both our internal and external customer requirements. We will earn our customers trust by performing at the highest level of excellence in the areas of quality, service and reliability at all times. Our company will ensure this performance through the quality of our people and the tools and systems we use.

Quality Management Systems

Draka's TL 9000 Quality Management System ensures processes are documented and that we stay focused on management responsibility, resource management, product realization measurement, analysis and improvement in all areas.

TL 9000

Draka Communications is TL 9000 certified and is an active member of the QuEST Forum.

ISO 9001

Draka Communications Americas is ISO 9001 registered at its Claremont, North Carolina operation.

ISO 14001

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Nuclear Rated Cable

10 CRF 21
10 CFR 50 Appendix B

Awards

2005	AT&T recognizes Draka for outstanding performance in technical innovation
2006	BellSouth recognizes Draka for exemplary service
2008	Broadband Properties recognizes Draka as an official top 100 company
2009	Draka receives "Faith in the Future" Community Award
	Broadband Properties recognizes Draka as an official top 100 company
2010	Draka achieves ISO 14001 certification
	Broadband Properties recognizes Draka as an official top 100 company

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