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Introduction

LANscape®
Solutions

Plug & Play™
Universal
Systems

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Cables

Fiber
Termination

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Corning FutureLink™ Cables

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FutureLink™ Cables - Overview

FutureLink™ Cables are provided with laser-optimized InfiniCor® fibers as well as with standard single-mode SMF-28e® fibers. The coated fibers are colored according to the Telcordia (formerly Bellcore) specifications for ease of identification. The coating and coloring process employed is state-of-the-art and guarantees a uniform, smooth surface. The cables deployed in the system are non-metallic, thus eliminating the need for equipotential bonding and lightning protection measures.

Multipurpose Cables

A link failure in a modern fiber optic (FO) network can involve considerable costs for the operator. The cables must therefore meet stringent mechanical requirements and be able to withstand environmental effects such as frost and humidity. FutureLink cables have been designed to be particularly ruggedized and resilient.

For campus cabling applications there are MPC (Multipurpose Cables = in- and outdoor cables) are available. The MPC cables provide outdoor characteristics e.g. non-metallic rodent protection, water blocking and UV resistance. The microbe resistance of the cable sheath allows the cables to be buried directly in the ground. The LSZH (Low Smoke Zero Halogen) characteristics enable the cable to be deployed inside buildings. The cable sheaths are colored black.

Three design variants are provided:

- **NEW: Gel-Free Cable: Cables with no messy gels, eliminating the need for cleaning solvents, making cable access and installation a craft-friendly processes. Micro-modules allow for easy stripping of the fiber.**
- **Loose Tube Cables:** Cables with loose buffer tubes stranded around a central dielectric strength member.
- **Central Tube Cables:** Cables with a central loose buffer tube and with strength members partially integrated in the sheath.
- **Tight Buffer cables:** Cables with tight buffered fiber.

To prevent water that may enter through the cable sheath from penetrating any further, water blocking is generally provided in the form of swellable (dry) elements. This so-called “dry” cable design enhances installer friendliness.

Indoor Cables

The indoor cables used for the building backbone (riser) and horizontal subsystems are non-corrosive (to IEC 60754-2), low-smoke (to IEC 61034) and flame-retardant (tested to IEC 60332-1 or -3 and DIN VDE 0472, part 804, test type B or C). The color of the cable sheath is yellow for single-mode cable, orange for OM1 and OM2 cables, and aqua for OM3 cables, unless otherwise stated.

With our standard TB3 tight buffer coating, indoor FO cable is even easier to use, as well as having zero halogen and being flame retardant. In addition, our indoor FO cables excel over other offerings on the market with the following advantages:

- Installer-friendly, as they contain no filling compound
- Very easy to strip, with stripping lengths of approximately 100 mm
- Rapid, direct connectorization without fan-out adapters
- Suitable for direct termination of field-installable connectors on tight buffer

Corning FutureLink™ Cables

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Multifiber indoor (MIC®), breakout and pigtail and patchcord cables are available. MIC cables consist of tight buffers stranded together with non-metallic strength members. Breakout cables consist of buffered single-fiber cables (tight buffer fibers, each in own sheath) stranded together as subunits for tensile within an additional shared sheath. Pigtails and patchcord cables are single-fiber (Simplex) or Zipcord cables (Duplex) with tight buffered fibers.

All FutureLink indoor FO cables are all-dielectric and hence:

- are EMC immune
- require no grounding
- require no lightning protection
- require no equipotential bonding

FutureLink™ Cables – Technical Data

Cables with laser-optimized InfiniCor® multimode fibers

Fiber type – Features	Guaranteed Gigabit Link Length		Typ. attenuation in loose tube cable in dB/km		Typ. attenuation in tight buffer cable in dB/km		Fiber Class
	1 Gb/s	10 Gb/s	850 nm	1300 nm	850 nm	1300 nm	
InfiniCor® eSX+ (50 µm)	1100 m	550m	2.5	0.7	2.7	0.8	OM3+
InfiniCor SX+ (50 µm)	1000 m	300 m	2.5	0.7	2.7	0.8	OM 3
InfiniCor 600 (50 µm)	600 m	100 m	2.5	0.7	2.7	0.8	OM 2
InfiniCor 300 (62.5 µm)	300 m	33 m	3.1	0.8	3.1	0.8	OM 1

*Longer link lengths available upon request

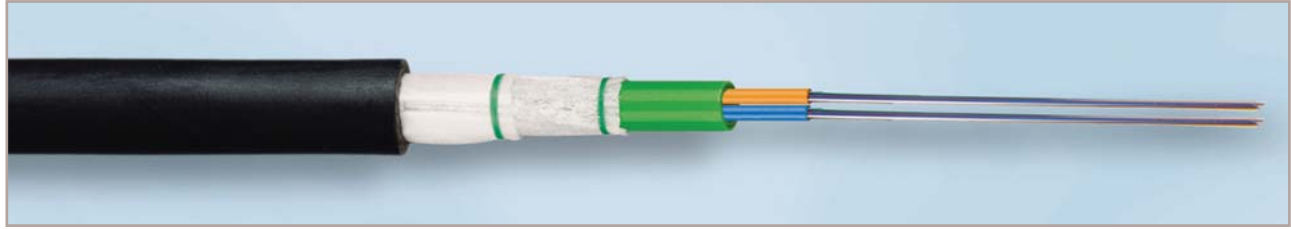
Cables with laser-optimized InfiniCor® multimode fibers

Fiber type – Features	Typ. attenuation in loose tube cable in dB/km		Typ. attenuation in tight buffer cable in dB/km		Chromatic dispersion ps/(nm x km)		Fiber Class
	1310 nm	1550 nm	1310 nm	1550 nm	1310 nm	1550 nm	
Single-mode fiber SMF-28e® (9 µm)	0.36	0.22	0.38	0.25	3.5	18.0	OS 1

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FutureLink™ Multipurpose Cables Gel-Free Central Tube – A-BBQ(BN)H

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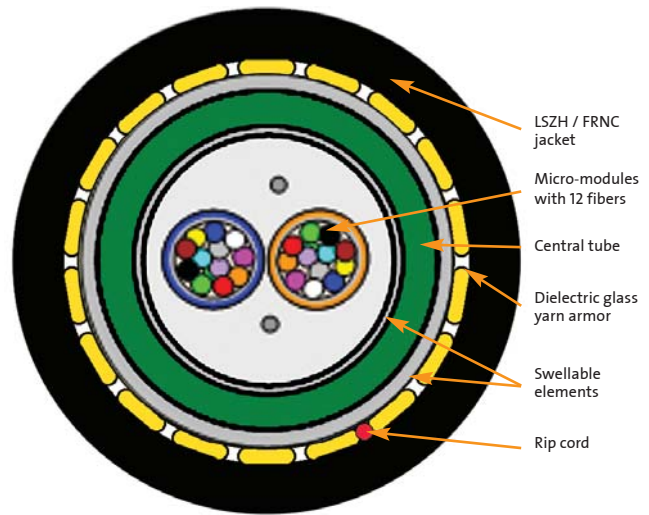


Applications

FutureLink™ gel-free multipurpose cables (MPC) have a completely dry design with laminated glass yarns for improved rodent resistance. Micro-modules containing 12-fiber bundles ease fiber handling. The innovative dry design with water-blocking technology eliminates the need for traditional flooding compound, providing more efficient and craft-friendly cable preparation. Gel-free cables can be deployed both indoors and outdoors for campus backbone and building backbone (riser) applications as well as for the cabling between floor distributors and terminal equipment.

Features

- Halogen-free polypropylene tube
- Low smoke according to IEC 61034 and EN 50268
- Flame retardant according to IEC 60332-3C and EN 50266-2-4
- Non-corrosive according to IEC 60754-2 and EN 50267
- Water blocking according to IEC 60794-1-F5
- Laminated glass-yarns for improved rodent resistance
- Light, thin and robust cable
- UV resistant
- Suitable for use outdoors and indoors
- Direct burial in the ground possible (microbe-resistant)



Special Features

- Micro-modules allow easy handling
- Completely gel-free for easier stripping
- Flame retardant according to 60332-3C

Temperature Range

- Installation and assembly –5°C to +50°C
- Operation –30°C to +70°C
- Transport and storage –30°C to +70°C

Characteristics

Type designation	Fiber count	Outside diameter (mm)	Weight (kg/km)	Max. tensile strength (N)	Min. bend radius for installation (mm)	Min. bend radius in service (mm)	Fire load (MJ/m)
A-BBQ(BN)H 2x12	24	9.5	79	1500	190	170	1.54

Color code Telcordia

No.	Bundle/ fiber color
01	Blue
02	Orange
03	Green
04	Brown
05	Slate
06	White
07	Red
08	Black
09	Yellow
10	Violet
11	Pink
12	Turquoise

FutureLink™ Multipurpose Cables Gel-Free Central Tube – A-BBQ(BN)H

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Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fiber count	Order No. InfiniCor OM3+ (50/125 µm)	Order No. InfiniCor OM3 (50/125 µm)
A-BBQ(BN)H 2x12	24	LCXLM1-L6024-F700	LCXLM1-L6024-D700

Type designation	Fiber count	Order No. InfiniCor OM2 (50/125 µm)	Order No. InfiniCor OM1 (62.5/125 µm)
A-BBQ(BN)H 2x12	24	LCXLM1-L6024-B700	LCXLM1-M6024-A700

Type designation	Fiber count	Order No. SMF-28e (9/125 µm)
A-BBQ(BN)H 2x12	24	LCXLM1-D6024-U700

*for other fiber-counts, please contact customer service.



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FutureLink™ Multipurpose Cables Gel-Free Central Tube – A-BQ(BN)H

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Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fiber count	Order No. InfiniCor OM3+ (50/125 µm)	Order No. InfiniCor OM3 (50/125 µm)
A-BQ(BN)H 1x4	4	LCXLM1-L6004-F700	LCXDM1-L6004-D700
A-BQ(BN)H 1x6	6	LCXLM1-L6006-F700	LCXDM1-L6006-D700
A-BQ(BN)H 1x8	8	LCXLM1-L6008-F700	LCXDM1-L6008-D700
A-BQ(BN)H 1x12	12	LCXLM1-L6012-F700	LCXDM1-L6012-D700

Type designation	Fiber count	Order No. InfiniCor OM2 (50/125 µm)	Order No. InfiniCor OM1 (62.5/125 µm)
A-BQ(BN)H 1x4	4	LCXLM1-L6004-B700	LCXLM1-M6004-A700
A-BQ(BN)H 1x6	6	LCXLM1-L6006-B700	LCXLM1-M6006-A700
A-BQ(BN)H 1x8	8	LCXLM1-L6008-B700	LCXLM1-M6008-A700
A-BQ(BN)H 1x12	12	LCXLM1-L60012-B700	LCXLM1-M6012-A700

Type designation	Fiber count	Order No. SMF-28e (9/125 µm)
A-BQ(BN)H 1x4	4	LCXLM1-D6004-U700
A-BQ(BN)H 1x6	6	LCXLM1-D6006-U700
A-BQ(BN)H 1x8	8	LCXLM1-D6008-U700
A-BQ(BN)H 1x12	12	LCXLM1-D6012-U700

*for other fiber counts, please contact customer service.



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FutureLink™ Multipurpose Cables Central Tube Ribbon Cable

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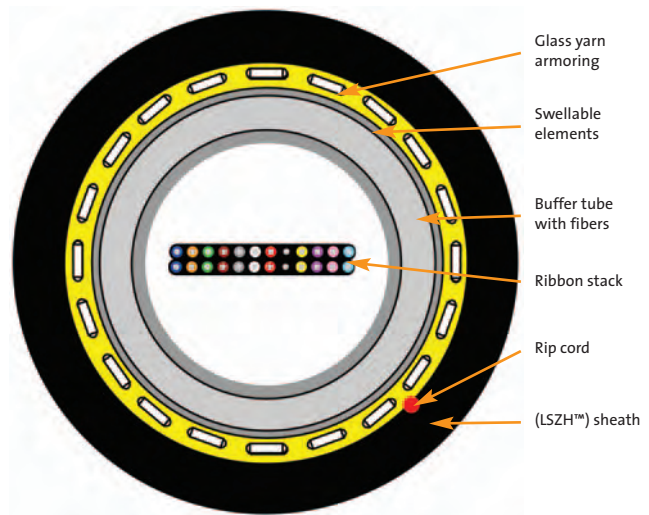


Applications

FutureLink™ ribbon multipurpose cables (MPC) can be deployed both indoors and outdoors for campus backbone and building backbone (riser) cabling as well as for cabling between floor distributors and terminal equipment/workstations. The cables can be installed in conduits, ducts, and be buried directly in the ground.

Features

- Low-smoke according to IEC 61034 and zero-halogen (LSZH)
- Flame-retardant according to IEC 60332-3 and non-corrosive according to IEC 60754-2 (FRNC) and DIN VDE0472 part 813
- Completely dry construction, no gel filling compounds
- All-dielectric, cable construction requires no grounding or bonding
- Laminated glass yarns for improved rodent resistance
- Water blocking according to IEC 60794-1-2-F5
- UV resistant
- Suitable for use indoors and outdoors
- Direct burial in the ground possible (microbe resistant)



Temperature Range

- | | |
|---------------------------|------------------|
| ■ Laying and installation | -5 °C to +50 °C |
| ■ Operation | -30 °C to +70 °C |
| ■ Transport and storage | -30 °C to +70 °C |

Characteristics

Type designation	Fiber count	Outside diameter (mm)	Weight (kg/km)	Min. tensile strength (N)	Min. bend radius for installation (mm)	Min. bend radius in service (mm)	Fire load (MJ/m)	Color code Telcordia
A-B(BN)H 1x12	12	12.6	140	1500	280	250	2.37	No. 01 Blue
A-B(BN)H 2x12	24	12.6	140	1500	280	250	2.40	02 Orange
A-B(BN)H 3x12	36	12.6	140	1500	280	250	2.44	03 Green
A-B(BN)H 4x12	48	12.6	140	1500	280	250	2.48	04 Brown
A-B(BN)H 5x12	60	12.6	140	1500	280	250	2.51	05 Slate
A-B(BN)H 6x12	72	14.3	180	1500	250	285	3.10	06 White
								07 Red
								08 Black
								09 Yellow
								10 Violet
								11 Pink
								12 Turquoise

FutureLink™ Multipurpose Cables Central Tube Ribbon Cable

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Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fibercount	Order No. InfiniCor OM3+ (50/125 μm)	Order No. InfiniCor OM3 (50/125 μm)
A-B(BN)H 1x12	12	LCXMM3-LX012-F700	LCXMM3-LX012-D700
A-B(BN)H 2x12	24	LCXMM3-LX024-F700	LCXMM3-LX024-D700
A-B(BN)H 3x12	36	LCXMM3-LX036-F700	LCXMM3-LX036-D700
A-B(BN)H 4x12	48	LCXMM3-LX048-F700	LCXMM3-LX048-D700
A-B(BN)H 5x12	60	LCXMM3-LX060-F700	LCXMM3-LX060-D700
A-B(BN)H 6x12	72	LCXMM3-LX072-F700	LCXMM3-LX072-D700

Type designation	Fiber count	Order No. InfiniCor OM2 (50/125 μm)	Order No. InfiniCor OM1 (62.5/125 μm)
A-B(BN)H 1x12	12	LCXMM3-LX012-B700	LCXMM3-MX012-A700
A-B(BN)H 2x12	24	LCXMM3-LX024-B700	LCXMM3-MX024-A700
A-B(BN)H 3x12	36	LCXMM3-LX036-B700	LCXMM3-MX036-A700
A-B(BN)H 4x12	48	LCXMM3-LX048-B700	LCXMM3-MX048-A700
A-B(BN)H 5x12	60	LCXMM3-LX060-B700	LCXMM3-MX060-A700
A-B(BN)H 6x12	72	LCXMM3-LX072-B700	LCXMM3-MX072-A700

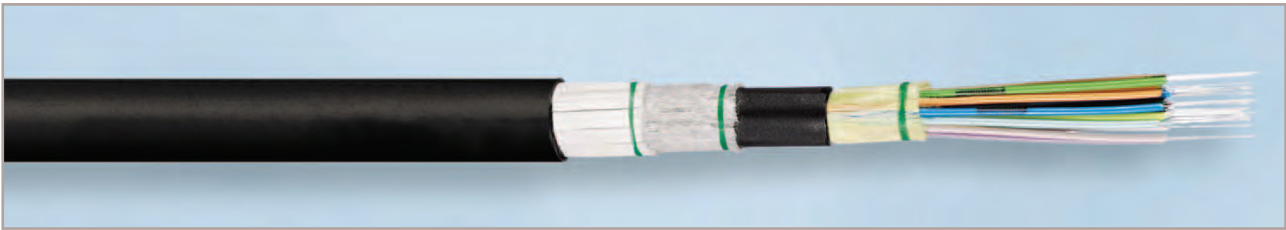
Type designation	Fiber count	Order No. SMF-28e (9/125 μm)
A-B(BN)H 1x12	12	LCXMM3-EX012-U700
A-B(BN)H 2x12	24	LCXMM3-EX024-U700
A-B(BN)H 3x12	36	LCXMM3-EX036-U700
A-B(BN)H 4x12	48	LCXMM3-EX048-U700
A-B(BN)H 5x12	60	LCXMM3-EX060-U700
A-B(BN)H 6x12	72	LCXMM3-EX072-U700

*for other fiber-counts, please contact customer service.

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FutureLink™ Multipurpose Cables Tight-Buffered i-MPC – A-VQ(BN)H ... TB3

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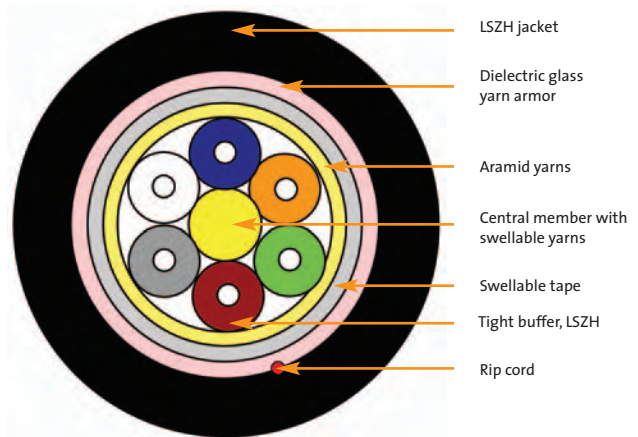


Applications

FutureLink™ multipurpose cables (MPC) can be deployed both indoors and outdoors for campus backbone and building backbone (riser) cabling as well as for the cabling between floor distributors and terminal equipments/workstations (FTTD). The cables can be installed in conduits, ducts and be buried directly in the ground. The 900 µm tight buffer design allows direct connectorization without fanout adapters.

Features

- Tight-buffered fiber of 900 µm diameter, TB3 design (easy to strip)
- Low-smoke according to IEC 61034 and zero-halogen (LSZH)
- Flame-retardant according to IEC 60 332-1 and non-corrosive according to IEC 60754-2 (FRNC) and DIN VDE0472 part 813
- All-dielectric cable construction requires no grounding or bonding
- Laminated glass yarns for improved rodent resistance
- Water blocking according to IEC 60794-1-2-F5
- UV resistant
- Suitable for use outdoors and indoors
- Direct burial in the ground possible (microbe resistant)



Temperature Range

- Installation and assembly -5°C to +50°C
- Operation -30°C to +70°C
- Transport and storage -40°C to +70°C

Special Features

- Especially suitable for field-installable UniCam® connectors
- Pre-assembled lengths available

Characteristics

Type designation	Fiber count	Outside diameter (mm)	Weight (kg/km)	Min. tensile strength (N)	Min. bend radius for installation (mm)	Min. bend radius in service (mm)	Fire load (MJ/m)	Color code Telcordia	Bundle/ fiber color
A-VQ(BN)H 1x4	4	6.2	36	1500	135	95	0.58	No.	Blue
A-VQ(BN)H 1x6	6	6.8	42	2000	150	100	0.68	01	Orange
A-VQ(BN)H 1x8	8	7.0	46	2000	150	105	0.73	02	Green
A-VQ(BN)H 1x12	12	8.7	74	2700	200	130	1.18	03	Brown
A-VQ(BN)H 1x16	16	9.3	81	2700	210	140	1.38	04	Slate
A-VQ(BN)H 1x24	24	10.3	99	2700	245	155	1.61	05	White
								06	Red
								07	Black
								08	Yellow
								09	Violet
								10	Pink
								11	Turquoise
								12	

FutureLink™ Multipurpose Cables Tight-Buffered i-MPC – A-VQ(BN)H ... TB3

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Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fibercount	Order No. InfiniCor OM3+ (50/125 µm)	Order No. InfiniCor OM3 (50/125 µm)
A-VQ(BN)H 1x4	4	LCXLM2-L5004-F700	LCXLM2-L5004-D700
A-VQ(BN)H 1x6	6	LCXLM2-L5006-F700	LCXLM2-L5006-D700
A-VQ(BN)H 1x8	8	LCXLM2-L5008-F700	LCXLM2-L5008-D700
A-VQ(BN)H 1x12	12	LCXLM2-L5012-F700	LCXLM2-L5012-D700
A-VQ(BN)H 1x16	16	LCXLM2-L5016-F700	LCXLM2-L5016-D700
A-VQ(BN)H 1x24	24	LCXLM2-L5024-F700	LCXLM2-L5024-D700

Type designation	Fiber count	Order No. InfiniCor OM2 (50/125 µm)	Order No. InfiniCor OM1 (62.5/125 µm)
A-VQ(BN)H 1x4	4	LCXLM2-L5004-B700	LCXLM2-M5004-A700
A-VQ(BN)H 1x6	6	LCXLM2-L5006-B700	LCXLM2-M5006-A700
A-VQ(BN)H 1x8	8	LCXLM2-L5008-B700	LCXLM2-M5008-A700
A-VQ(BN)H 1x12	12	LCXLM2-L5012-B700	LCXLM2-M5012-A700
A-VQ(BN)H 1x16	16	LCXLM2-L5016-B700	LCXLM2-M5016-A700
A-VQ(BN)H 1x24	24	LCXLM2-L5024-B700	LCXLM2-M5024-A700

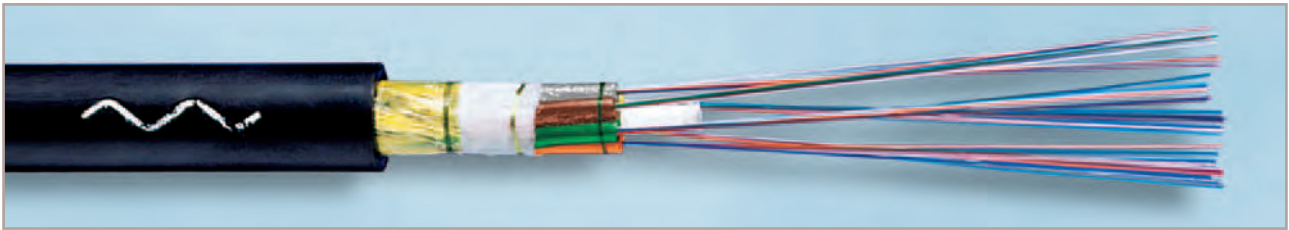
Type designation	Fiber count	Order No. SMF-28e (9/125 µm)
A-VQ(BN)H 1x4	4	LCXLM2-D5004-U700
A-VQ(BN)H 1x6	6	LCXLM2-D5006-U700
A-VQ(BN)H 1x8	8	LCXLM2-D5008-U700
A-VQ(BN)H 1x12	12	LCXLM2-D5012-U700
A-VQ(BN)H 1x16	16	LCXLM2-D5016-U700
A-VQ(BN)H 1x24	24	LCXLM2-D5024-U700

*for other fiber-counts, please contact customer service.

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FutureLink™ Multipurpose Cables Loose Tube MPC – A-DQ(ZN)H...LG

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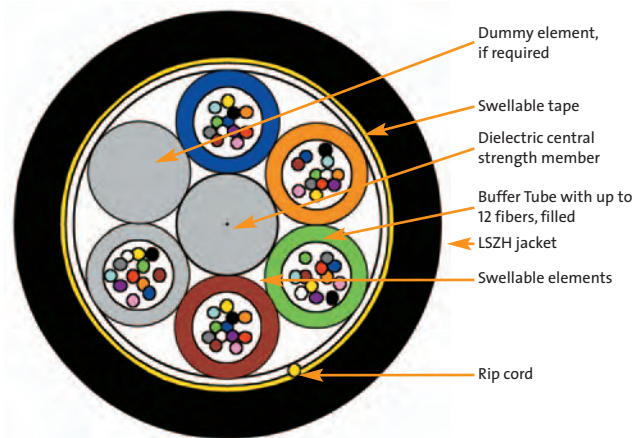


Applications

FutureLink™ multipurpose cables (MPC) can be deployed both indoors and outdoors for campus backbone and building backbone (riser) cabling as well as for the cabling between floor distributors. The cables can be installed in conduits, ducts and be buried directly in the ground.

Features

- Low-smoke to IEC 61034 and zero-halogen (LSZH)
- Flame-retardant according to IEC 60 332-1 and non-corrosive according to IEC 60754-2 (FRNC) and DIN VDE0472 part 813
- All-dielectric cable construction requires no grounding or bonding
- Dry cable core
- Water blocking according to IEC 60794-1-2-F5
- UV resistant
- Suitable for use outdoors and indoors
- Direct burial in the ground is possible (microbe resistant)



Temperature Range

- | | |
|-----------------------------|------------------|
| ■ Installation and assembly | -5 °C to +50 °C |
| ■ Operation | -30 °C to +70 °C |
| ■ Transport and storage | -40 °C to +70 °C |

Characteristics

Type designation	Fiber count	Outside diameter (mm)	Weight (kg/km)	Min. tensile strength (N)	Min. bend radius for installation (mm)	Min. bend radius in service (mm)	Fire load (MJ/m)	Color code Telcordia	Bundle/ fiber color
A-DQ(ZN)H 2x6...LG	12	11.2	115	2700	200	170	2.60	No.	01 Blue
A-DQ(ZN)H 4x6...LG	24	11.2	115	2700	200	170	2.54	02 Orange	03 Green
A-DQ(ZN)H 2x12...LG	24	11.2	115	2700	200	170	2.63	04 Brown	05 Slate
A-DQ(ZN)H 3x12...LG	36	11.2	115	2700	200	170	2.56	06 White	07 Red
A-DQ(ZN)H 4x12...LG	48	11.2	115	2700	200	170	2.49	08 Black	09 Yellow
A-DQ(ZN)H 5x12...LG	60	11.2	115	2700	200	170	2.42	10 Violet	11 Pink
A-DQ(ZN)H 6x12...LG	72	11.2	115	2700	200	170	2.35	12 Turquoise	

FutureLink™ Multipurpose Cables Loose Tube MPC – A-DQ(ZN)H...LG

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Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fibercount	Order No. InfiniCor OM2 (50/125 µm)	Order No. InfiniCor OM3 (50/125 µm)
A-DQ(ZN)H 2x6...LG	12	LCXLM1-K4012-B700	LCXLM1-K4012-D701
A-DQ(ZN)H 4x6...LG	24	LCXLM1-K4024-B702	LCXLM1-K4024-D704
A-DQ(ZN)H 2x12...LG	24	LCXLM1-K4024-B701	LCXLM1-K4024-D703
A-DQ(ZN)H 3x12...LG	36	LCXLM1-K4036-B700	LCXLM1-K4036-D701
A-DQ(ZN)H 4x12...LG	48	LCXLM1-K4048-B700	LCXLM1-K4048-D701
A-DQ(ZN)H 5x12...LG	60	LCXLM1-K4060-B700	LCXLM1-K4060-D701
A-DQ(ZN)H 6x12...LG	72	LCXLM1-K4072-B700	LCXLM1-K4072-D701

Type designation	Fiber count	Order No. InfiniCor OM1 (62.5/125 µm)
A-DQ(ZN)H 2x6...LG	12	LCXLM1-M4012-A702
A-DQ(ZN)H 4x6...LG	24	LCXLM1-M4024-A702
A-DQ(ZN)H 2x12...LG	24	LCXLM1-M4024-A701
A-DQ(ZN)H 3x12...LG	36	LCXLM1-M4036-A701
A-DQ(ZN)H 4x12...LG	48	LCXLM1-M4048-A701
A-DQ(ZN)H 5x12...LG	60	LCXLM1-M4060-A701
A-DQ(ZN)H 6x12...LG	72	LCXLM1-M4072-A701

Type designation	Fiber count	Order No. SMF-28e (9/125 µm)
A-DQ(ZN)H 2x6...LG	12	LCXLM1-D4012-U701
A-DQ(ZN)H 4x6...LG	24	LCXLM1-D4024-U701
A-DQ(ZN)H 2x12...LG	24	LCXLM1-D4024-U704
A-DQ(ZN)H 3x12...LG	36	LCXLM1-D4036-U701
A-DQ(ZN)H 4x12...LG	48	LCXLM1-D4048-U701
A-DQ(ZN)H 5x12...LG	60	LCXLM1-D4060-U701
A-DQ(ZN)H 6x12...LG	72	LCXLM1-D4072-U702

*for other fiber-counts, please contact customer service.

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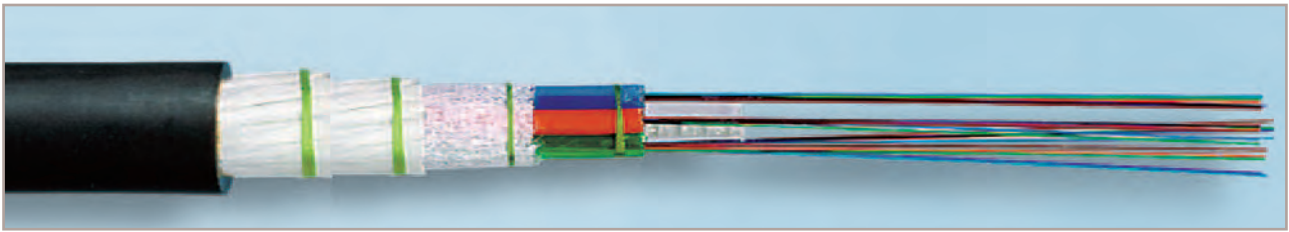
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FutureLink™ Multipurpose Cables Loose Tube MPC – A-DQ(BN)H...LG

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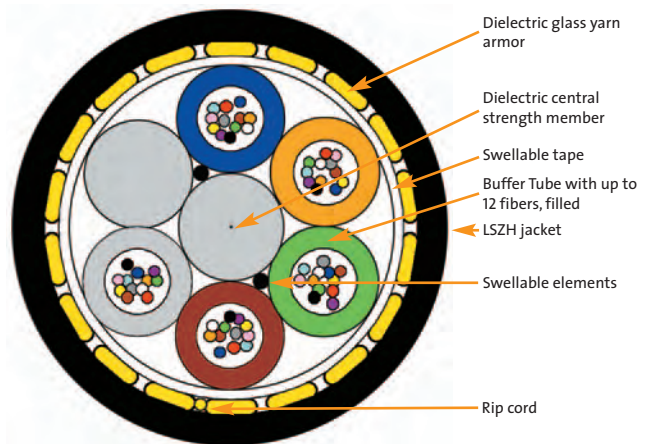


Applications

FutureLink™ multipurpose cables (MPC) can be deployed both indoors and outdoors for campus backbone and building backbone (riser) cabling, as well as for the cabling between floor distributors. The cables can be installed in conduits, ducts and be buried directly in the ground.

Features

- Low-smoke according to IEC 61034 and zero-halogen (LSZH)
- Flame-retardant according to IEC 60332-1 and non-corrosive according to IEC 60754-2 (FRNC) and DIN VDE0472 part 813
- All-dielectric cable construction requires no grounding or bonding
- Laminated glass yarns for improved rodent resistance
- Dry cable core
- Water blocking according to IEC 60794-1-2-F5
- UV resistant
- Suitable for use outdoors and indoors
- Direct burial in the ground is possible (microbe resistant)



Temperature Range

- | | |
|-----------------------------|------------------|
| ■ Installation and assembly | -5 °C to +50 °C |
| ■ Operation | -30 °C to +70 °C |
| ■ Transport and storage | -40 °C to +70 °C |

Characteristics

Type designation	Fiber count	Outside diameter (mm)	Weight (kg/km)	Min. tensile strength (N)	Min. bend radius for installation (mm)	Min. bend radius in service (mm)	Fire load (MJ/m)	Color code Telcordia
A-DQ(BN)H 2x6...LG	12	11.6	130	4000	260	230	2.29	
A-DQ(BN)H 4x6...LG	24	11.6	130	4000	260	230	2.63	
A-DQ(BN)H 2x12...LG	24	11.6	130	4000	260	230	2.71	
A-DQ(BN)H 3x12...LG	36	11.6	130	4000	260	230	2.64	
A-DQ(BN)H 4x12...LG	48	11.6	130	4000	260	230	2.58	
A-DQ(BN)H 5x12...LG	60	11.6	130	4000	260	230	2.52	
A-DQ(BN)H 6x12...LG	72	11.6	130	4000	260	230	2.46	

No.	Bundle/ fiber color
01	Blue
02	Orange
03	Green
04	Brown
05	Slate
06	White
07	Red
08	Black
09	Yellow
10	Violet
11	Pink
12	Turquoise

FutureLink™ Multipurpose Cables Loose Tube MPC – A-DQ(BN)H...LG

A LANscape® Solutions Product

Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fibercount	Order No. InfiniCor OM2 (50/125 µm)	Order No. InfiniCor OM3 (50/125 µm)
A-DQ(BN)H 2x6...LG	12	LCXLM1-K4012-B701	LCXLM1-K4012-D700
A-DQ(BN)H 4x6...LG	24	LCXLM1-K4024-B703	LCXLM1-K4024-D701
A-DQ(BN)H 2x12...LG	24	LCXLM1-K4024-B704	LCXLM1-K4024-D702
A-DQ(BN)H 3x12...LG	36	LCXLM1-K4036-B701	LCXLM1-K4036-D700
A-DQ(BN)H 4x12...LG	48	LCXLM1-K4048-B701	LCXLM1-K4048-D700
A-DQ(BN)H 5x12...LG	60	LCXLM1-K4060-B701	LCXLM1-K4060-D700
A-DQ(BN)H 6x12...LG	72	LCXLM1-K4072-B701	LCXLM1-K4072-D700

Type designation	Fiber count	Order No. InfiniCor OM1 (62.5/125 µm)
A-DQ(BN)H 2x6	12	LCXLM1-M4012-A703
A-DQ(BN)H 4x6	24	LCXLM1-M4024-A703
A-DQ(BN)H 2x12	24	LCXLM1-M4024-A700
A-DQ(BN)H 3x12	36	LCXLM1-M4036-A700
A-DQ(BN)H 4x12	48	LCXLM1-M4048-A700
A-DQ(BN)H 5x12	60	LCXLM1-M4060-A700
A-DQ(BN)H 6x12	72	LCXLM1-M4072-A700

Type designation	Fiber count	Order No. SMF-28e (9/125 µm)
A-DQ(BN)H 2x6	12	LCXLM1-D4012-U702
A-DQ(BN)H 4x6	24	LCXLM1-D4024-U702
A-DQ(BN)H 2x12	24	LCXLM1-D4024-U703
A-DQ(BN)H 3x12	36	LCXLM1-D4036-U702
A-DQ(BN)H 4x12	48	LCXLM1-D4048-U702
A-DQ(BN)H 5x12	60	LCXLM1-D4060-U702
A-DQ(BN)H 6x12	72	LCXLM1-D4072-U701

*for other fiber-counts, please contact customer service.

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FutureLink™ Multipurpose Cables Central Tube – A-DQ(BN)H

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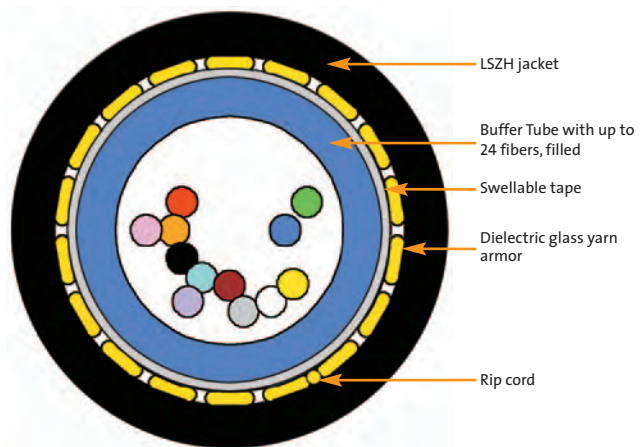


Applications

FutureLink™ multipurpose cables (MPC) can be deployed both indoors and outdoors for campus backbone and building backbone (riser) cabling as well as for the cabling between floor distributors and the terminal equipment / workstations (FTTD). The cables can be installed in conduits, ducts and be buried directly in the ground.

Features

- Low-smoke according to IEC 61034 and zero-halogen (LSZH)
- Flame-retardant according to IEC 60 332-3 (up to 12 fibers) or IEC 60 332-1 (16- and 24-fiber) and non-corrosive according to IEC 60754-2 (FRNC) and DIN VDE0472 part 813
- All-dielectric cable construction requires no grounding or bonding
- Laminated glass yarns for improved rodent resistance
- Water blocking according to IEC 60794-1-2-F5
- UV resistant
- Suitable for use outdoors and indoors
- Direct burial in the ground is possible (microbe resistant)
- Small diameter



Special Features

- Pre-assembled lengths available

Temperature Range

- | | |
|-----------------------------|----------------|
| ■ Installation and assembly | -5°C to +50°C |
| ■ Operation | -20°C to +60°C |
| ■ Transport and storage | -25°C to +70°C |

Characteristics

Type designation	Fiber count	Outside diameter (mm)	Weight (kg/km)	Min. tensile strength (N)	Min. bend radius for installation (mm)	Min. bend radius in service (mm)	Fire load (MJ/m)	Color code Telcordia
A-DQ(BN)H 1x4	4	7.0	50	1000	150	140	0.94	No. 01 Blue
A-DQ(BN)H 1x6	6	7.0	50	1000	150	140	0.94	02 Orange
A-DQ(BN)H 1x8	8	7.0	50	1000	150	140	0.94	03 Green
A-DQ(BN)H 1x12	12	7.0	50	1000	150	140	0.94	04 Brown
A-DQ(BN)H 1x16	16	9.0	78	1500	190	170	1.64	05 Slate
A-DQ(BN)H 1x24	24	9.0	78	1500	190	170	1.64	06 White
								07 Red
								08 Black
								09 Yellow
								10 Violet
								11 Pink
								12 Turquoise

FutureLink™ Multipurpose Cables Central Tube MPC – A-DQ(BN)H

A LANscape® Solutions Product

Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fibercount	Order No. InfiniCor OM2 (50/125 μm)	Order No. InfiniCor OM3 (50/125 μm)
A-DQ(BN)H 1x4	4	LCXLM1-K0004-B701	LCXLM1-K0004-D700
A-DQ(BN)H 1x6	6	LCXLM1-K0006-B700	LCXLM1-K0006-D700
A-DQ(BN)H 1x8	8	LCXLM1-K0008-B700	LCXLM1-K0008-D700
A-DQ(BN)H 1x12	12	LCXLM1-K0012-B700	LCXLM1-K0012-D700
A-DQ(BN)H 1x16	16	LCXLM1-K0016-B700	LCXLM1-K0016-D700
A-DQ(BN)H 1x24	24	LCXLM1-K0024-B700	LCXLM1-K0024-D700

Type designation	Fiber count	Order No. InfiniCor OM1 (62.5/125 μm)
A-DQ(BN)H 1x4	4	LCXLM1-M0004-A700
A-DQ(BN)H 1x6	6	LCXLM1-M0006-A700
A-DQ(BN)H 1x8	8	LCXLM1-M0008-A700
A-DQ(BN)H 1x12	12	LCXLM1-M0012-A700
A-DQ(BN)H 1x16	16	LCXLM1-M0016-A700
A-DQ(BN)H 1x24	24	LCXLM1-M0024-A700

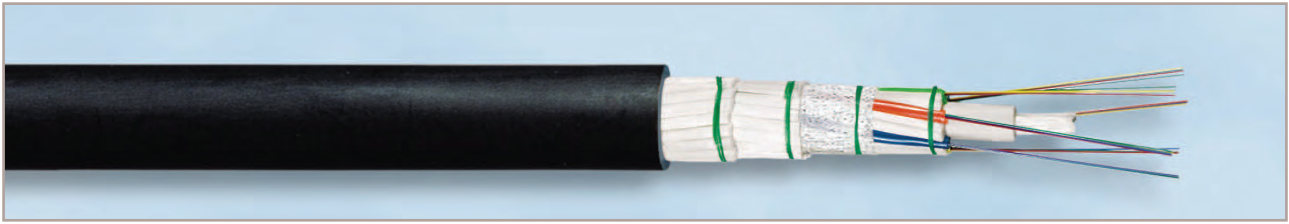
Type designation	Fiber count	Order No. SMF-28e (9/125 μm)
A-DQ(BN)H 1x4	4	LCXLM1-D0004-U700
A-DQ(BN)H 1x6	6	LCXLM1-D0006-U700
A-DQ(BN)H 1x8	8	LCXLM1-D0008-U700
A-DQ(BN)H 1x12	12	LCXLM1-D0012-U700
A-DQ(BN)H 1x16	16	LCXLM1-D0016-U700
A-DQ(BN)H 1x24	24	LCXLM1-D0024-U700

*for other fiber-counts, please contact customer service.

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FutureLink™ Multipurpose Cables Tunnel Cables with Circuit Integrity

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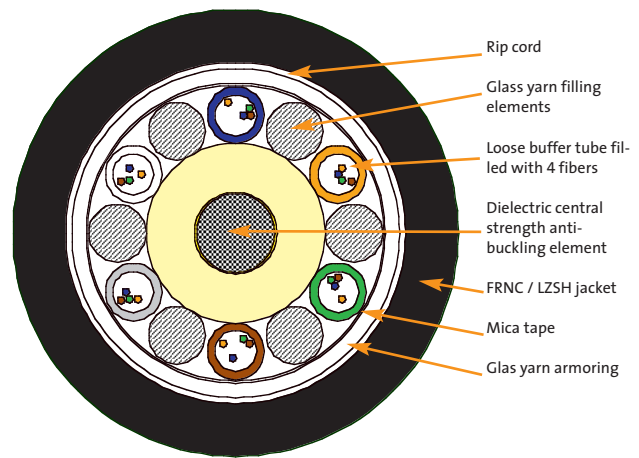


Applications

FutureLink™ multipurpose cable (MPC) can be employed both indoors and outdoors for campus backbone and building backbone (riser) cabling as well as for the cabling between floor distributors. This MPC Integrity cable guarantees circuit integrity and is an outstanding cable for usage in tunnels and other secured areas. The cables can be installed in conduits, ducts and be buried directly in the ground.

Features

- Circuit integrity according to IEC 60331-11 and IEC 60331-25 (90 min @ 750° C)
- Low-smoke according to IEC 61034 and zero-halogen (LSZH)
- Flame-retardant according to IEC 60 332-3 and non-corrosive to IEC 60754-2 (FRNC)
- All-dielectric cable construction; requires no grounding or bonding
- Laminated glass yarns for improved rodent resistance
- Dry cable core
- UV resistant
- Water blocking according to IEC 60794-1-2-F5
- Suitable for use outdoors and indoors
- Direct burial in the ground possible (microbe resistant)



Temperature Range

- Installation and assembly -5 °C to +50 °C
- Operation -20 °C to +60 °C
- Transport and storage -25 °C to +70 °C

Characteristics

Type designation*	Fiber count	Outside diameter (mm)	Weight (kg/km)	Min. tensile strength (N)	Min. bend radius for installation (mm)	Min. bend radius in service (mm)	Fire load (MJ/m)	Color code Telcordia	Bundle/ fiber color
A-D(BH)H 2x2	4	15.2	253	5000	340	300	3.62	01	Blue
A-D(BH)H 3x2	6	15.2	252	5000	340	300	3.65	02	Orange
A-D(BH)H 4x2	8	15.2	250	5000	340	300	3.68	03	Green
A-D(BH)H 3x4	12	15.2	249	5000	340	300	3.71	04	Brown
A-D(BH)H 4x4	16	15.2	248	5000	340	300	3.75	05	Slate
A-D(BH)H 6x4	24	15.2	246	5000	340	300	3.78	06	White
								07	Red
								08	Black
								09	Yellow
								10	Violet
								11	Pink
								12	Turquoise

FutureLink™ Multipurpose Cables Tunnel Cables with Circuit Integrity

A LANscape® Solutions Product

Features for InfiniCor® fiber

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fibercount	Order No. InfiniCor OM2 (50/125 μm)	Order No. InfiniCor OM3 (50/125 μm)
A-D(BN)H 1x4	4	LCXLM1-K4004-B700-IN	LCXLM1-K4004-D700-IN
A-D(BN)H 2x4	8	LCXLM1-K4008-B700-IN	LCXLM1-K4008-D700-IN
A-D(BN)H 3x4	12	LCXLM1-K4012-B700-IN	LCXLM1-K4012-D700-IN
A-D(BN)H 4x4	16	LCXLM1-K4016-B700-IN	LCXLM1-K4016-D700-IN
A-D(BN)H 5x4	20	LCXLM1-K4020-B700-IN	LCXLM1-K4020-D700-IN
A-D(BN)H 6x4	24	LCXLM1-K4024-B700-IN	LCXLM1-K4024-D700-IN

Type designation	Fiber count	Order No. InfiniCor OM1 (62.5/125 μm)
A-D(BN)H 1x4	4	LCXLM1-M4004-A700-IN
A-D(BN)H 2x4	8	LCXLM1-M4008-A700-IN
A-D(BN)H 3x4	12	LCXLM1-M4012-A700-IN
A-D(BN)H 4x4	16	LCXLM1-M4016-A700-IN
A-D(BN)H 5x4	20	LCXLM1-M4020-A700-IN
A-D(BN)H 6x4	24	LCXLM1-M4024-A700-IN

Type designation	Fiber count	Order No. SMF-28e (9/125 μm)
A-D(BN)H 1x4	4	LCXLM1-D4004-U700-IN
A-D(BN)H 2x4	8	LCXLM1-D4008-U700-IN
A-D(BN)H 3x4	12	LCXLM1-D4012-U700-IN
A-D(BN)H 4x4	16	LCXLM1-D4016-U700-IN
A-D(BN)H 5x4	20	LCXLM1-D4020-U700-IN
A-D(BN)H 6x4	24	LCXLM1-D4024-U700-IN

*for other fiber-counts, please contact customer service.

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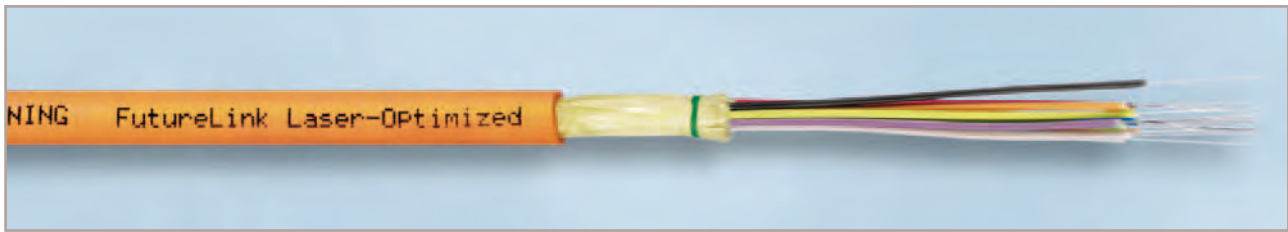
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FutureLink™ Indoor Cables Multifiber Cables (i-MIC) – J-VH...TB3

A LANscape® Pretium™ Solutions Product

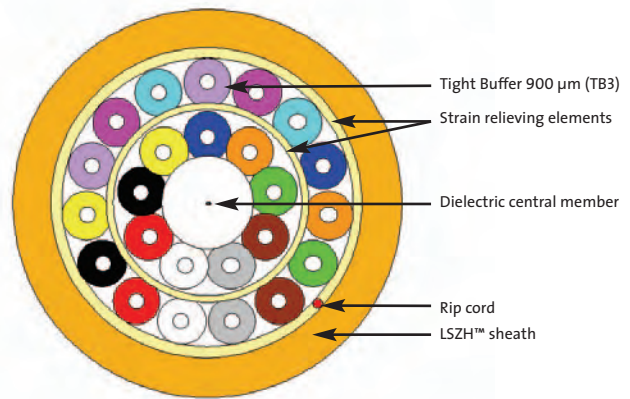


Applications

FutureLink™ multifiber indoor cables (MIC) are particularly suitable for placing and pulling into cable conduits and shafts (building backbone and horizontal subsystems), also underfloor, for use as jumper and adapter cables and for connecting workstations inside buildings (FTTD). They can also be used as interbuilding cables laid in dry conduits. The 900 µm tight buffer design allows easy and direct field connectorization.

Features

- Utilizes 900 µm tight-buffered fiber with TB3 coating, enabling easy consistent stripping
- Low-smoke according to IEC 61034 and zero-halogen (LSZH)
- Flame-retardant according to IEC 60 332-3 and non-corrosive according to IEC 60754-2 (FRNC) and DIN VDE0472 part 813
- All-dielectric cable construction requires no grounding or bonding
- Completely dry design



Special Features

- Especially suitable for field-installable UniCam® connectors
- Pre-assembled lengths available

Temperature Range

- Installation and assembly –5 °C to +50 °C
- Operation –20 °C to +60 °C
- Transport and storage –25 °C to +70 °C

Characteristics

Type designation	Fiber count	Outside diameter (mm)	Weight (kg/km)	Min. tensile strength (N)	Min. bend radius for installation (mm)	Min. bend radius in service (mm)	Fire load (MJ/m)	Color code Telcordia	Bundle/ fiber color
J-VH 2	2	3.8	15	400	57	38	0.28	01	Blue
J-VH 4	4	4.2	18	600	63	42	0.35	02	Orange
J-VH 6	6	5.1	25	600	77	51	0.48	03	Green
J-VH 8	8	5.5	29	800	78	52	0.52	04	Brown
J-VH 12	12	6.2	36	800	93	62	0.7	05	Slate
J-VH 16	16	6.5	42	1000	98	65	0.81	06	White
J-VH 24	24	8.0	59	1000	120	80	1.13	07	Red
								08	Black
								09	Yellow
								10	Violet
								11	Pink
								12	Turquoise

FutureLink™ Modular Indoor Cables Multifiber Cables (i-MIC) – J-VH...TB3

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Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fibercount	Order No. InfiniCor OM3+ (50/125 μm)	Order No. InfiniCor OM3 (50/125 μm)
J-VH 2	2	LCXLI2-L5002-F700	LCXLI2-L5002-D700
J-VH 4	4	LCXLI2-L5004-F700	LCXLI2-L5004-D700
J-VH 6	6	LCXLI2-L5006-F700	LCXLI2-L5006-D700
J-VH 8	8	LCXLI2-L5008-F700	LCXLI2-L5008-D700
J-VH 12	12	LCXLI2-L5012-F700	LCXLI2-L5012-D700
J-VH 16	16	LCXLI2-L5016-F700	LCXLI2-L5016-D700
J-VH 24	24	LCXLI2-L5024-F700	LCXLI2-L5024-D700

Type designation	Fiber count	Order No. InfiniCor OM2 (50/125 μm)	Order No. InfiniCor OM1 (62.5/125 μm)
J-VH 2	2	LCXLI2-L5002-B700	LCXLI2-M5002-A700
J-VH 4	4	LCXLI2-L5004-B700	LCXLI2-M5004-A700
J-VH 6	6	LCXLI2-L5006-B700	LCXLI2-M5006-A700
J-VH 8	8	LCXLI2-L5008-B700	LCXLI2-M5008-A700
J-VH 12	12	LCXLI2-L5012-B700	LCXLI2-M5012-A700
J-VH 16	16	LCXLI2-L5016-B700	LCXLI2-M5016-A700
J-VH 24	24	LCXLI2-L5024-B700	LCXLI2-M5024-A700

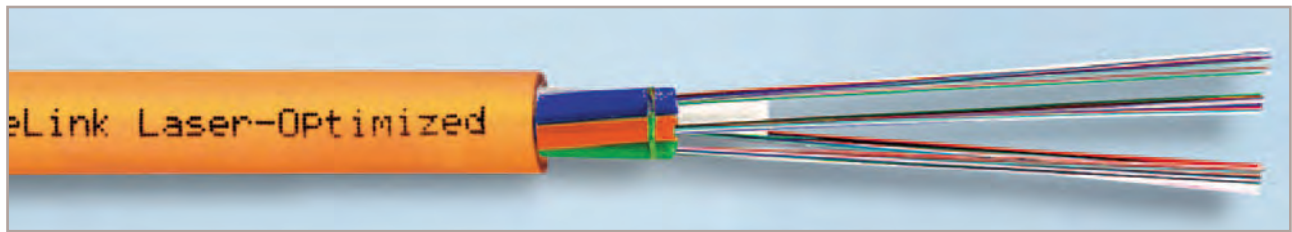
Type designation	Fiber count	Order No. SMF-28e (9/125 μm)
J-VH 2	2	LCXLI2-D5002-U700
J-VH 4	4	LCXLI2-D5004-U700
J-VH 6	6	LCXLI2-D5006-U700
J-VH 8	8	LCXLI2-D5008-U700
J-VH 12	12	LCXLI2-D5012-U700
J-VH 16	16	LCXLI2-D5016-U700
J-VH 24	24	LCXLI2-D5024-U700

*for other fiber-counts, please contact customer service.

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FutureLink™ Indoor Cables Loose Tube Cables – J-DH...LG

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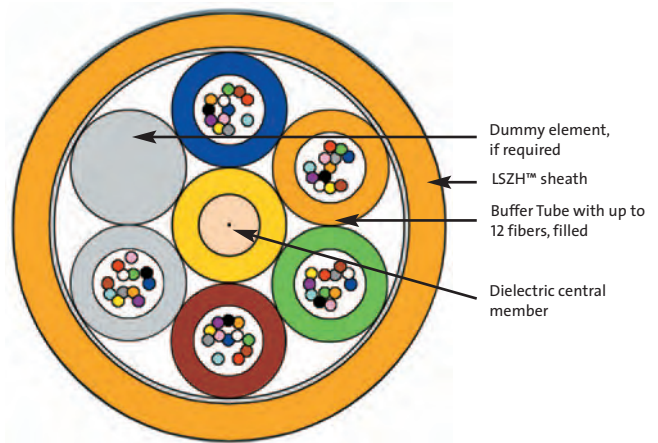


Applications

FutureLink™ indoor cables are particularly suitable for placing and pulling into cable conduits and shafts inside buildings and in the building riser between floor distributors.

Features

- Low-smoke according to IEC 61034 and zero-halogen (LSZH)
- Flame-retardant according to IEC 60 332-1 and non-corrosive according to IEC 60754-2 (FRNC) and DIN VDE0472 part 813
- All-dielectric cable construction requires no grounding or bonding
- Small diameter
- Low weight
- Low fire load rating



Temperature Range

- | | |
|-----------------------------|------------------|
| ■ Installation and assembly | -5 °C to +50 °C |
| ■ Operation | -20 °C to +60 °C |
| ■ Transport and storage | -25 °C to +70 °C |

Characteristics

Type designation	Fiber count	Outside diameter (mm)	Weight (kg/km)	Min. tensile strength (N)	Min. bend radius for installation (mm)	Min. bend radius in service (mm)	Fire load (MJ/m)	Color code Telcordia	
								No.	Bundle/ fiber color
J-DH 2x6...LG	12	9.8	85	2000	170	145	2.06	01	Blue
J-DH 4x6...LG	24	9.8	85	2000	170	145	1.94	02	Orange
J-DH 2x12...LG	24	9.8	85	2000	170	145	2.04	03	Green
J-DH 3x12...LG	36	9.8	85	2000	170	145	1.97	04	Brown
J-DH 4x12...LG	48	9.8	85	2000	170	145	1.90	05	Slate
J-DH 5x12...LG	60	9.8	85	2000	170	145	1.83	06	White
J-DH 6x12...LG	72	9.8	85	2000	170	145	1.75	07	Red
J-DH 8x12...LG	96	11.3	120	2000	200	170	2.37	08	Black
J-DH 10x12...LG	120	12.9	160	2000	225	195	3.17	09	Yellow
J-DH 12x12...LG	144	14.6	205	2000	255	220	4.13	10	Violet
								11	Pink
								12	Turquoise

FutureLink™ Indoor Cables Loose Tube Cables – J-DH...LG

A LANscape® Solutions Product

Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fibercount	Order No. InfiniCor OM2 (50/125 µm)	Order No. InfiniCor OM3 (50/125 µm)
J-DH 2x6...LG	12	LCXLI1-K4012-B700	LCXLI1-K4012-D700
J-DH 4x6...LG	24	LCXLI1-K4024-B701	LCXLI1-K4024-D700
J-DH 2x12...LG	24	LCXLI1-K4024-B700	LCXLI1-K4024-D701
J-DH 3x12...LG	36	LCXLI1-K4036-B700	LCXLI1-K4036-D700
J-DH 4x12...LG	48	LCXLI1-K4048-B700	LCXLI1-K4048-D700
J-DH 5x12...LG	60	LCXLI1-K4060-B700	LCXLI1-K4060-D700
J-DH 6x12...LG	72	LCXLI1-K4072-B700	LCXLI1-K4072-D700
J-DH 8x12...LG	96	LCXLI1-K4096-B700	LCXLI1-K4096-D700
J-DH 10x12...LG	120	LCXLI1-K4120-B700	LCXLI1-K4120-D700
J-DH 12x12...LG	144	LCXLI1-K4144-B700	LCXLI1-K4144-D700

Type designation	Fiber count	Order No. InfiniCor OM1 (62.5/125 µm)
J-DH 2x6...LG	12	LCXLI1-M4012-A700
J-DH 4x6...LG	24	LCXLI1-M4024-A701
J-DH 2x12...LG	24	LCXLI1-M4024-A700
J-DH 3x12...LG	36	LCXLI1-M4036-A700
J-DH 4x12...LG	48	LCXLI1-M4048-A700
J-DH 5x12...LG	60	LCXLI1-M4060-A700
J-DH 6x12...LG	72	LCXLI1-M4072-A700
J-DH 8x12...LG	96	LCXLI1-M4096-A700
J-DH 10x12...LG	120	LCXLI1-M4120-A700
J-DH 12x12...LG	144	LCXLI1-M4144-A700

Type designation	Fiber count	Order No. SMF-28e (9/125 µm)
J-DH 2x6...LG	12	LCXLI1-D4012-U700
J-DH 4x6...LG	24	LCXLI1-D4024-U702
J-DH 2x12...LG	24	LCXLI1-D4024-U701
J-DH 3x12...LG	36	LCXLI1-D4036-U701
J-DH 4x12...LG	48	LCXLI1-D4048-U701
J-DH 5x12...LG	60	LCXLI1-D4060-U701
J-DH 6x12...LG	72	LCXLI1-D4072-U700
J-DH 8x12...LG	96	LCXLI1-D4096-U700
J-DH 10x12...LG	120	LCXLI1-D4120-U700
J-DH 12x12...LG	144	LCXLI1-D4144-U700

*for other fiber-counts, please contact customer service.

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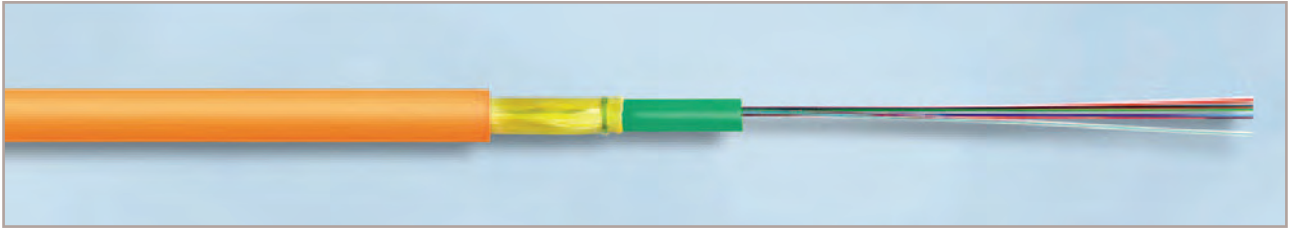
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FutureLink™ Indoor Cables Central Tube Cables – J-DH

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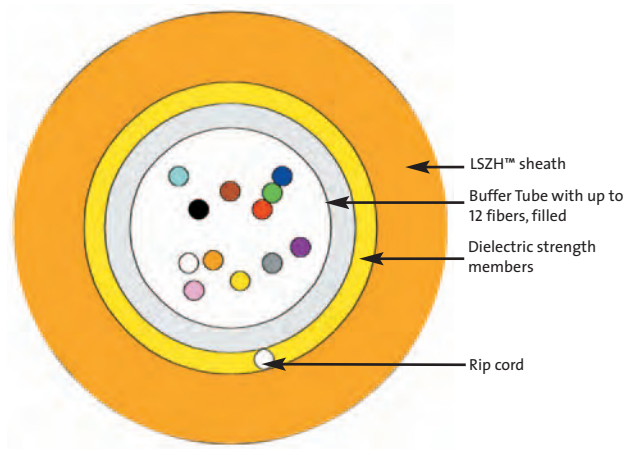


Applications

FutureLink™ central tube cables are particularly suitable for placing and pulling into cable conduits and shafts inside buildings and in the building riser between floor distributors.

Features

- Low-smoke according to IEC 61034 and zero-halogen (LSZH)
- Flame-retardant according to IEC 60 332-1 and non-corrosive according to IEC 60754-2 (FRNC) and DIN VDE0472 part 813
- All-dielectric cable construction requires no grounding or bonding
- Small diameter
- Low weight
- Low fire load



Temperature Range

- Installation and assembly -5 °C to +50 °C
- Operation -20 °C to +60 °C
- Transport and storage -25 °C to +70 °C

Characteristics

Type designation	Fiber count	Outside diameter (mm)	Weight (kg/km)	Min. tensile strength (N)	Min. bend radius for installation (mm)	Min. bend radius in service (mm)	Fire load (MJ/m)	Color code Telcordia
J-DH 1x4	4	6.2	40	800	140	125	0.71	No. 01 Blue
J-DH 1x6	6	6.2	40	800	140	125	0.71	02 Orange
J-DH 1x8	8	6.2	40	800	140	125	0.70	03 Green
J-DH 1x12	12	6.2	40	800	140	125	0.69	04 Brown
								05 Slate
								06 White
								07 Red
								08 Black
								09 Yellow
								10 Violet
								11 Pink
								12 Turquoise

FutureLink™ Indoor Cables Central Tube Cables – J-DH

A LANscape® Solutions Product

Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fibercount	Order No. InfiniCor OM2 (50/125 µm)	Order No. InfiniCor OM3 (50/125 µm)
J-DH 1x4	4	LCXLI1-K0004-B700	LCXLI1-K0004-D700
J-DH 1x6	6	LCXLI1-K0006-B700	LCXLI1-K0006-D700
J-DH 1x8	8	LCXLI1-K0008-B700	LCXLI1-K0008-D700
J-DH 1x12	12	LCXLI1-K0012-B700	LCXLI1-K0012-D700

Type designation	Fiber count	Order No. InfiniCor OM1 (62.5/125 µm)
J-DH 1x4	4	LCXLI1-M0004-A700
J-DH 1x6	6	LCXLI1-M0006-A700
J-DH 1x8	8	LCXLI1-M0008-A700
J-DH 1x12	12	LCXLI1-M0012-A700

Type designation	Fiber count	Order No. SMF-28e (9/125 µm)
J-DH 1x4	4	LCXLI1-D0004-U700
J-DH 1x6	6	LCXLI1-D0006-U700
J-DH 1x8	8	LCXLI1-D0008-U700
J-DH 1x12	12	LCXLI1-D0012-U700

*for other fiber-counts, please contact customer service.

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FutureLink™ Indoor Cables Breakout Cables with 2.8 mm Subunits – T-VHH...TB3

A LANscape® Solutions Product

Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fibercount	Order No. InfiniCor OM2 (50/125 μm)	Order No. InfiniCor OM3 (50/125 μm)
T-VHH 2 FL	2	LCXLI2-L3002-B720	LCXLI2-L3002-D720
T-VHH 4	4	LCXLI2-L3004-B720	LCXLI2-L3004-D720
T-VHH 6	6	LCXLI2-L3006-B720	LCXLI2-L3006-D720
T-VHH 8	8	LCXLI2-L3008-B720	LCXLI2-L3008-D720
T-VHH 12	12	LCXLI2-L3012-B720	LCXLI2-L3012-D720

Type designation	Fiber count	Order No. InfiniCor OM1 (62.5/125 μm)
T-VHH 2 FL	2	LCXLI2-M3002-A720
T-VHH 4	4	LCXLI2-M3004-A720
T-VHH 6	6	LCXLI2-M3006-A720
T-VHH 8	8	LCXLI2-M3008-A720
T-VHH 12	12	LCXLI2-M3012-A720

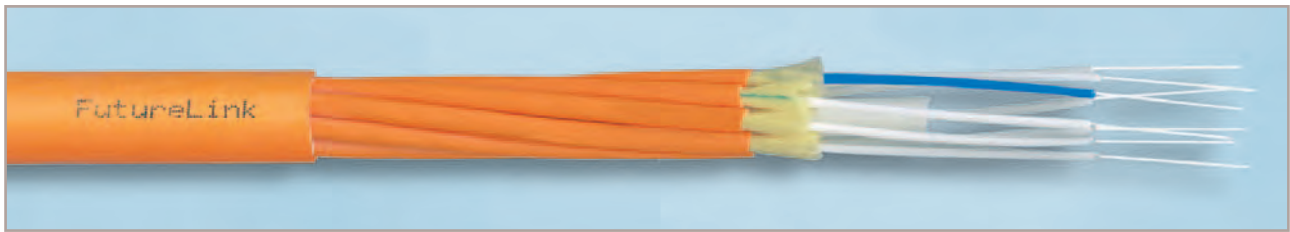
Type designation	Fiber count	Order No. SMF-28e (9/125 μm)
T-VHH 2 FL	2	LCXLI2-D3002-U720
T-VHH 4	4	LCXLI2-D3004-U720
T-VHH 6	6	LCXLI2-D3006-U720
T-VHH 8	8	LCXLI2-D3008-U720
T-VHH 12	12	LCXLI2-D3012-U720

*for other fiber-counts, please contact customer service.

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FutureLink™ Indoor Cables Breakout Cables with 2.0 mm Subunits – T-VHH...TB3

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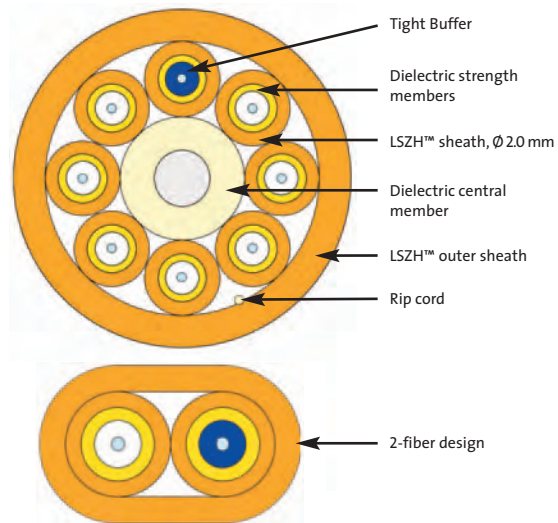


Applications

FutureLink™ breakout cables are particularly suitable for placing and pulling into cable conduits and shafts (building backbone, horizontal subsystems and underfloor), for use as well as jumper and adapter cables and for connecting workstations inside buildings (FTTD). They can also be used as inter-building cables laid in dry conduits. Easy and direct in-field connectorization is possible with enhanced strain relief.

Features

- Utilizes 900 µm Tight-buffered fiber with TB3 coating, enabling easy consistent stripping (up to 100 mm)
- Low-smoke according to IEC 61034 and zero-halogen (LSZH™)
- Flame-retardant according to IEC 60 332-3 and non-corrosive according to IEC 60754-2 (FRNC) and DIN VDE0472 part 813
- All-dielectric cable construction requires no grounding or bonding
- Completely dry design
- Additional strength members in 2.0 mm diameter subunits



Special Features

- Especially suitable for field-installable UniCam® connectors
- Pre-assembled lengths available

Temperature Range

- Installation and assembly –5 °C to +50 °C
- Operation –20 °C to +60 °C
- Transport and storage –25 °C to +70 °C

Characteristics

Type designation	Fiber count	Outside diameter (mm)	Weight (kg/km)	Min. tensile strength (N)	Min. bend radius for installation (mm)	Min. bend radius in service (mm)	Fire load (MJ/m)	Color code Telcordia	Bundle/ fiber color
T-VHH 2 FL	2	3 x 5	17	300	60	40	0.31	01	Blue
T-VHH 4	4	6.7	41	600	115	100	0.74	02	Orange
T-VHH 6	6	7.8	58	1200	135	115	0.99	03	Green
T-VHH 8	8	9.1	79	1200	160	135	1.48	04	Brown
T-VHH 12	12	11.6	135	2000	200	170	2.48	05	Slate
T-VHH 24	24	13.9	170	2000	240	200	3.21	06	White
								07	Red
								08	Black
								09	Yellow
								10	Violet
								11	Pink
								12	Turquoise

FutureLink™ Indoor Cables Breakout Cables with 2.0 mm Subunits – T-VHH...TB3

A LANscape® Solutions Product

Features for InfiniCor® fibers

- Tested for their laser performance to FOTP 204
- Optimized for VCSEL launch conditions
- Guaranteed minimum distances for Gigabit Ethernet and 10 Gigabit Ethernet transmission

Ordering Information

Type designation	Fibercount	Order No. InfiniCor OM2 (50/125 µm)	Order No. InfiniCor OM3 (50/125 µm)
T-VHH 2 FL	2	LCXLI2-L3002-B750	LCXLI2-L3002-D750
T-VHH 4	4	LCXLI2-L3004-B750	LCXLI2-L3004-D750
T-VHH 6	6	LCXLI2-L3006-B750	LCXLI2-L3006-D750
T-VHH 8	8	LCXLI2-L3008-B750	LCXLI2-L3008-D750
T-VHH 12	12	LCXLI2-L3012-B750	LCXLI2-L3012-D750
T-VHH 24	24	LCXLI2-L3024-B750	LCXLI2-L3024-D750

Type designation	Fiber count	Order No. InfiniCor OM1 (62.5/125 µm)
T-VHH 2 FL	2	LCXLI2-M3002-A750
T-VHH 4	4	LCXLI2-M3004-A750
T-VHH 6	6	LCXLI2-M3006-A750
T-VHH 8	8	LCXLI2-M3008-A750
T-VHH 12	12	LCXLI2-M3012-A750
T-VHH 24	24	LCXLI2-M3024-A750

Type designation	Fiber count	Order No. SMF-28e (9/125 µm)
T-VHH 2 FL	2	LCXLI2-D3002-U750
T-VHH 4	4	LCXLI2-D3004-U750
T-VHH 6	6	LCXLI2-D3006-U750
T-VHH 8	8	LCXLI2-D3008-U750
T-VHH 12	12	LCXLI2-D3012-U750
T-VHH 24	24	LCXLI2-D3024-U750

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