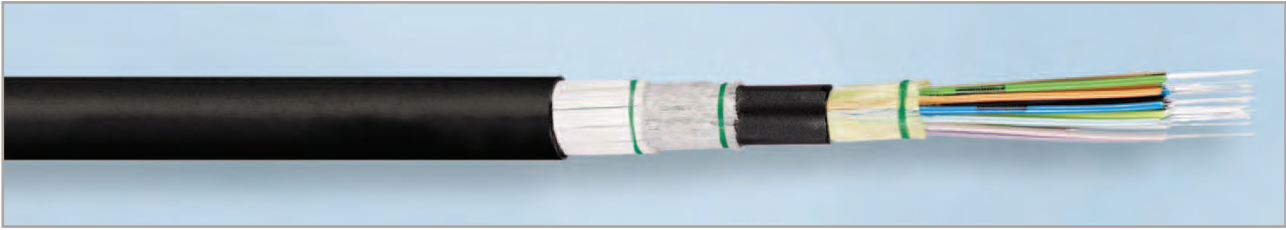


FutureLink™ Multipurpose Cables Tight-Buffered i-MPC – A-VQ(BN)H ... TB3

A LANscape® Pretium™ Solutions Product

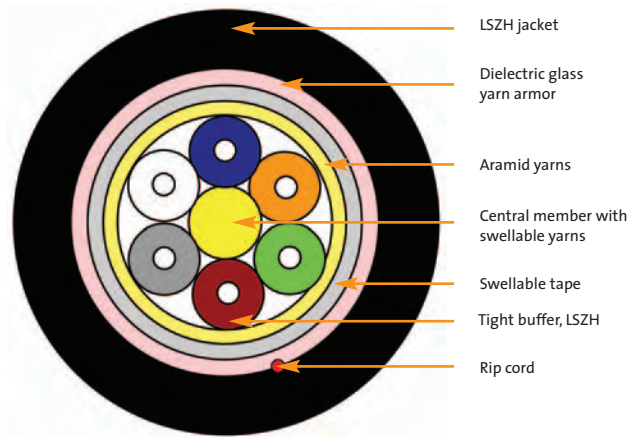


Applications

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
A-VQ(BN)H 1x4	4	6.2	36	1500	135	95	0.58	Bundle/ fiber color
A-VQ(BN)H 1x6	6	6.8	42	2000	150	100	0.68	No.
A-VQ(BN)H 1x8	8	7.0	46	2000	150	105	0.73	01 Blue
A-VQ(BN)H 1x12	12	8.7	74	2700	200	130	1.18	02 Orange
A-VQ(BN)H 1x16	16	9.3	81	2700	210	140	1.38	03 Green
A-VQ(BN)H 1x24	24	10.3	99	2700	245	155	1.61	04 Brown
								05 Slate
								06 White
								07 Red
								08 Black
								09 Yellow
								10 Violet
								11 Pink
								12 Turquoise

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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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