

15

Fibre Optic Cables

Belden

Indoor/Outdoor, Tight Buffer, Rodent Resistant, LSNH	15:2
Central Loose Tube Indoor/Outdoor LSNH Unarmoured Rodent Resistant	15:3
Central Loose Tube, Indoor/Outdoor with Steel Wire Armour LSNH	15:4
Central Loose Tube, Indoor/Outdoor with Steel Tape Armour LSNH	15:5

Brand-Rex

Tight Buffered, Steel Wire Braid	15:6
--	------

Corning

Tight Buffered, Indoor/Outdoor with Rodent Protection	15:7
---	------

Indoor Cables	15:8
Central Loose Tube Outdoor with Corrugated Steel Tape Armour	15:10
Loose Tube, Indoor/Outdoor with Rodent Protection	15:11
Central Loose Tube, Indoor/Outdoor with Rodent Protection	15:12

ADC Krone

Tight Buffered, Indoor/Outdoor	15:14
Loose Tube, Indoor/Outdoor LSZH Duct Grade	15:15

Corning Tool Kits

UniCam® Connectors Multimode & Single-mode, ST,SC, MT-RJ, LC for OM1 OM2 OM3 & OS1, OS2	15:17
---	-------

Belden Products

Indoor/Outdoor Tight Buffer Fibre Optical Cables with Rodent Protection



Application

Mini-Breakout Cables Tight Buffer for outdoor and indoor use in structured wiring systems, such as Campus and Building Backbone and/or Horizontal cabling. Easy to install in ducts, tunnels and trenches, it is not recommended for direct burial. These cables are Halogen-free (FRNC and LSNH). Orange outer jacket, multimode and single-mode: OM1, OM2, OM3 and OS1.

Specifications

- Universal cable: indoor/outdoor applications
- Tight Buffer
- Swellable reinforced yarns as strength members and for longitudinal water tightness
- FRNC/LSNH orange jacket according to IEC60332-2 and IEC60754-2
- Water tightness according to IEC60794-1-2-F5
- Temperature Range:
Transport/storage: -30 °C to +75 °C
Installation: -5 °C to +50 °C
Operation: -30 °C to +70 °C

Anixter Number	Vendor Number	Description
Multimode 62.5/125 OM1 Tight Buffer Cable Indoor/Outdoor		
370-922-6LS8-04	GUMT104	4 fibre multimode cable OM1 62.5/125
370-922-6LS8-06	GUMT106	6 fibre multimode cable OM1 62.5/125
370-922-6LS8-08	GUMT108	8 fibre multimode cable OM1 62.5/125
370-922-6LS8-12	GUMT112	12 fibre multimode cable OM1 62.5/125
370-922-6LS8-24	GUMT124	24 fibre multimode cable OM1 62.5/125
Multimode 50/125 OM2 Tight Buffer Cable Indoor/Outdoor		
370-922-5LS8-04	GUMT204	4 fibre multimode cable OM2 50/125
370-922-5LS8-06	GUMT206	6 fibre multimode cable OM2 50/125
370-922-5LS8-08	GUMT208	8 fibre multimode cable OM2 50/125
370-922-5LS8-12	GUMT212	12 fibre multimode cable OM2 50/125
370-922-5LS8-24	GUMT224	24 fibre multimode cable OM2 50/125
Multimode 50/125 for 10GB/s Applications OM3 Tight Buffer Cable Indoor/Outdoor		
370-922-5LS8OM3-04	GUMT304	4 fibre multimode cable OM3 50/125 for 10Gb/sec application
370-922-5LS8OM3-06	GUMT306	6 fibre multimode cable OM3 50/125 for 10Gb/sec application
370-922-5LS8OM3-08	GUMT308	8 fibre multimode cable OM3 50/125 for 10Gb/sec application
370-922-5LS8OM3-12	GUMT312	12 fibre multimode cable OM3 50/125 for 10Gb/sec application
370-922-5LS8OM3-24	GUMT324	24 fibre multimode cable OM3 50/125 for 10Gb/sec application
Single-mode 9/125 OS1 Tight Buffer Cable Indoor/Outdoor		
370-922-8LS8OS1-12	GUMT812	12 fibre single-mode cable OS1 9/125
370-922-8LS8OS1-24	GUMT824	24 fibre single-mode cable OS1 9/125



Application

Central Loose Tube Cables for outdoor and indoor use in structured wiring systems, such as Campus and Building Backbone and/or Horizontal cabling. Easy to install in ducts, tunnels and trenches, it is suitable for direct burial. These cables are Halogen-free (FRNC and LSNH). Simple all dielectric cable construction with standard rodent protection. Orange outer jacket, multimode and single-mode: OM1, OM2, OM3 and OS2.

Specifications

- Universal cable: indoor/outdoor applications
- Central Tube, jelly filled
- Swellable yarns as strength members and for standard rodent protection
- FRNC/LSNH orange jacket according to IEC60332-1 and IEC60754-2
- Water tightness according to IEC60794-1-2-F5
- Temperature Range:
Transport/storage: -30 °C to +75 °C
Installation: -5 °C to +50 °C
Operation: -30 °C to +70 °C

Anixter Number	Vendor Number	Description
Multimode 62.5/125 OM1 Central Loose Tube Cable Indoor/Outdoor		
373-BEL62-LTDCT-04	GUSN104	4 fibre multimode cable OM1 62.5/125
373-BEL62-LTDCT-06	GUSN106	6 fibre multimode cable OM1 62.5/125
373-BEL62-LTDCT-08	GUSN108	8 fibre multimode cable OM1 62.5/125
373-BEL62-LTDCT-12	GUSN112	12 fibre multimode cable OM1 62.5/125
373-BEL62-LTDCT-24	GUSN124	24 fibre multimode cable OM1 62.5/125
Multimode 50/125 OM2 Central Loose Tube Cable Indoor/Outdoor		
373-BEL50-LTDCT-04	GUSN204	4 fibre multimode cable OM2 50/125
373-BEL50-LTDCT-06	GUSN206	6 fibre multimode cable OM2 50/125
373-BEL50-LTDCT-08	GUSN208	8 fibre multimode cable OM2 50/125
373-BEL50-LTDCT-12	GUSN212	12 fibre multimode cable OM2 50/125
373-BEL50-LTDCT-24	GUSN224	24 fibre multimode cable OM2 50/125
Single-mode 9/125 OS1 and OS2 Central Loose Tube Cable Indoor/Outdoor		
373-BEL9-LTDCT-04	GUSN804	4 fibre single-mode cable OS1 9/125
373-BEL9-LTDCT-08	GUSN808	8 fibre single-mode cable OS1 9/125
373-BEL9-LTDCT-12	GUSN812	12 fibre single-mode cable OS1 9/125
373-BEL9-LTDCT-24	GUSN824	24 fibre single-mode cable OS1 9/125

Belden Products

Central Loose Tube Fibre Optical Cables for Indoor/Outdoor use with Steel Wire Armour (SWA)



Application

Central Loose Tube Cables for indoor/outdoor use in structured wiring systems, such as Industrial Backbone, Campus Backbone, Building Backbone and/or Horizontal cabling. Suitable for direct burial and/or in ducts, tunnels and trenches. These cables are Halogen-free (FRNC and LSNH) with a black outer jacket, multimode and single-mode, OM1, OM2 and OS2.

Specifications

- Full rodent protection
- For outdoor use, suitable for direct burial
- Water swellable yarns as strength members and for the longitudinal water tightness
- Halogen-free inner jacket
- Steel Wire Armouring: helical stranded galvanised steel wires of 0.6mm
- Crush resistance: $\neq < 30000 \text{ N/m}$
- Water tightness according to IEC60794-1-2-F5
- Temperature range:
Transport/storage: -30°C to $+70^\circ\text{C}$
Installation: -5°C to $+50^\circ\text{C}$
Operation: -30°C to $+70^\circ\text{C}$

Anixter Number	Vendor Number	Description
Multimode 62.5/125 OM1 Loose Tube Indoor/Outdoor		
372-BEL62-LTSWA-04	GUWN104	4 fibre multimode cable OM1 62.5/125
372-BEL62-LTSWA-08	GUWN108	8 fibre multimode cable OM1 62.5/125
372-BEL62-LTSWA-12	GUWN112	12 fibre multimode cable OM1 62.5/125
372-BEL62-LTSWA-24	GUWN124	24 fibre multimode cable OM1 62.5/125
Multimode 50/125 OM2 Loose Tube Indoor/Outdoor		
372-BEL50-LTSWA-04	GUWN204	4 fibre multimode cable OM2 50/125
372-BEL50-LTSWA-08	GUWN208	8 fibre multimode cable OM2 50/125
372-BEL50-LTSWA-12	GUWN212	12 fibre multimode cable OM2 50/125
372-BEL50-LTSWA-24	GUWN224	24 fibre multimode cable OM2 50/125
Multimode 9/125 OS2 Loose Tube Indoor/Outdoor		
372-BEL9-LTSWA-04	GUWN804	4 fibre single-mode cable OS2 9/125
372-BEL9-LTSWA-08	GUWN808	8 fibre single-mode cable OS2 9/125
372-BEL9-LTSWA-12	GUWN812	12 fibre single-mode cable OS2 9/125
372-BEL9-LTSWA-24	GUWN824	24 fibre single-mode cable OS2 9/125



Application

Central Loose Tube Cables for outdoor and indoor use in structured wiring systems, such as Industrial Backbone, Campus Backbone, Building Backbone and/or Horizontal cabling. Suitable for direct burial, it is easy to install in ducts, tunnels and trenches. These cables are Halogen-free (FRNC and LSNH). Black UV resistant outer jacket, multimode and single-mode: OM1, OM2, OS2 and ITU G.652D.

Specifications

- High mechanical and full rodent protection provided by corrugated steel tape (CST) armour
- For outdoor use, suitable for direct burial
- Water swellable E-glass yarns as strength members and for the longitudinal water tightness
- Corrugated Steel Tape Armouring: helical longitudinally applied steel tape (0.155mm)
- Crush resistance \geq 40KN/m
- Water tightness according to IEC60794-1-2-F5
- Temperature range:
Transport/storage: -30°C to $+70^{\circ}\text{C}$
Installation: -5°C to $+50^{\circ}\text{C}$
Operation: -30°C to $+70^{\circ}\text{C}$

Anixter Number	Vendor Number	Description
Multimode 62.5/125 OM1 Loose Tube Outdoor		
372-BEL62-LTACT-04	GUCB104	4 fibre multimode cable OM1 62/125 with LSNH jacket
372-BEL62-LTACT-06	GOCB106	6 fibre multimode OM2 62.5/125 with HDPE jacket
372-BEL62-LTACT-08	GOCB108	8 fibre multimode OM2 62.5/125 with HDPE jacket
372-BEL62-LTACT-12	GUCB112	12 fibre multimode cable OM1 62.5/125 with LSNH jacket
372-BEL62-LTACT-24	GUCB124	24 fibre multimode cable OM1 62.5/125 with LSNH jacket
Multimode 50/125 OM2 Loose Tube Outdoor		
372-BEL50-LTACT-04	GUCB204	4 fibre multimode cable OM2 50/125 with LSNH jacket
372-BEL50-LTACT-06	GOCB206	6 fibre multimode cable OM2 50/125 with HDPE jacket
372-BEL50-LTACT-08	GUCB208	8 fibre multimode cable OM2 50/125 with LSNH jacket
372-BEL50-LTACT-12	GUCB212	12 fibre multimode cable OM2 50/125 with LSNH jacket
372-BEL50-LTACT-24	GUCB224	24 fibre multimode cable OM2 50/125 with LSNH jacket
Single-mode 9/125 OS2 Loose Tube Outdoor		
372-BEL9-LTACT-04	GUCB804	4 fibre single-mode cable OS2 9/125 with LSNH jacket
372-BEL9-LTACT-08	GUCB808	8 fibre single-mode cable OS2 9/125 with LSNH jacket
372-BEL9-LTACT-12	GUCB812	12 fibre single-mode cable OS2 9/125 with LSNH jacket
372-BEL9-LTACT-24	GUCB824	24 fibre single-mode cable OS2 9/125 with LSNH jacket

Brand-Rex

Tight Buffered, Armoured Industrial Cable



Application

Brand-Rex armoured cables are designed for use where mechanical protection is required on offshore platforms, drilling rigs, and onshore petrochemical plants. This range of cables can be exposed to fluids such as diesel, petrol, glycol, ethanol, white spirit and ASTM oil 2. The resistance to these fluids is in accordance with DOD-STD-1678 method 8030.

Specification

- **Fibre Type:** 0.9mm tight buffered coded fibres
- **Fibre Colours:** Blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, turquoise, blue/black, orange/black, green/black, brown, black, grey/black, white/black, red/black, brown(tan)/black, yellow/black, violet/black, pink/black, turquoise/black
- **Inner Sheath:** Flame retardant and halogen free inner sheath
- **Armour:** Galvanised steel wire braid armour
- **Outer Sheath:** Black halogen free weather resistant material
- **Fire Characteristics:** Flame retardant to IEC60332-3-24 Category C

Anixter Number	Fibre Count	Core/Cladding µm	Maximum Attenuation 850/1300 dB/km	Bandwidth MHz/km	M.B.R. mm	Maximum Tensile Installed * N	Weight Kg/km	Temperature °C
370-403-6LS2-04	4	62.5/125	3.2/0.8	200/600	150	640	123	-25/+70
370-403-6LS2-08	8	62.5/125	3.2/0.8	200/600	150	640	123	-25/+70
370-403-6LS2-12	12	62.5/125	3.2/0.8	200/600	150	640	123	-25/+70
370-403-6LS2-16	16	62.5/125	3.2/0.8	200/600	150	640	123	-25/+70
370-403-6LS2-20	20	62.5/125	3.2/0.8	200/600	150	640	123	-25/+70
370-403-6LS2-24	24	62.5/125	3.2/0.8	200/600	150	640	123	-25/+70

* 700N maximum during installation.

The M.B.R. quoted is during installation, can be reduced to 100mm once cable is installed.
Single-mode fibre also available upon request.

Corning Cable Systems

Multimode and Single-mode In/Out Tight Buffer with Rodent Protection



Application

i-MPC universal (indoor/outdoor tight buffered) cables can be employed both indoors and outdoors for campus backbone and building backbone (riser) cabling, as well as for cabling between floor distributors and terminal equipment/workstations (fibre-to-the-desk). The cables can be installed in conduits, ducts and be buried directly in the ground. The 900 μ m tight buffer design allows a direct connection without need of a fan-out.

Specifications

- Tight buffer (TB) fibre of 900 μ m diameter, TB3 design (easy to strip)
- Low smoke to IEC 61034 and EN 50268 zero halogen (LSZH)
- Flame retardant to IEC 60332-3-24 and non-corrosive to IEC 60754-2 (FRNC)
- Metal free, hence no ground loop problems
- Enhanced rodent protection
- Completely dry design, water blocking to IEC 60794-1-2-F5
- UV resistant
- Suitable for use outdoors and indoors
- Especially suitable for field-installable UniCam[®] connectors

Temperature Range:

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

Multimode and single-mode in/out tight buffer with rodent protection

Tight buffer cables multimode 62.5/125 (OM1), standard 50/125 (OM2), laser-optimised 50/125 (OM3) and single-mode 9/125 (OS2), with LSZH jacket, dielectric glass yarn armour, aramid yarns, central member with expandable yarns and ripcord.

Anixter Number	Vendor Number	Description
373-COR625-TBDRP-06	LCXLM2M5006A700	6 fibre, multimode 62.5/125, black
373-COR625-TBDRP-12	LCXLM2M5012A700	12 fibre, multimode 62.5/125, black
373-COR625-TBDRP-24	LCXLM2M5024A700	24 fibre, multimode 62.5/125, black
373-COR50CC-TBDRP-06	LCXLM2L5006G700	6 fibre, multimode 50/125, black ClearCurve
373-COR50CC-TBDRP-12	LCXLM2L5012G700	12 fibre, multimode 50/125, black ClearCurve
373-COR50CC-TBDRP-24	LCXLM2L5024G700	24 fibre, multimode 50/125, black ClearCurve
373-COR300CC-TBD-06	LCXLM2L5006H700	6 fibre, 50/125 OM3 for 10Gig/sec applications, black ClearCurve
373-COR300CC-TBD-12	LCXLM2L5012H700	12 fibre, 50/125 OM3 for 10Gig/sec applications, black ClearCurve
373-COR300CC-TBD-24	LCXLM2L5024H700	24 fibre, 50/125 OM3 for 10Gig/sec applications, black ClearCurve
373-COR9-TBDRP-06	LCXLM2D5006U700	6 fibre, single-mode 9/125, black
373-COR9-TBDRP-12	LCXLM2D5012U700	12 fibre, single-mode 9/125, black
373-COR9-TBDRP-24	LCXLM2D5024U700	24 fibre, single-mode 9/125, black

Corning Cable Systems

Multimode and Single-mode I-MIC Indoor Cable



Application

Multi-fibre indoor cables 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 to connect workstations inside buildings (fibre-to-the-desk). They can also be used as inter-building cables laid in dry conduits. The 900 μ m tight buffer design allows easy and direct field installation.

Specifications

- Tight buffer fibre of 900 μ m diameter, TB3 design (easy to strip)
- Low smoke to IEC 61034 and zero halogen (LSZH)
- Flame retardant to IEC 60332-3C and EN 60332-3-24 non-corrosive to IEC 60754-2 (FRNC)
- Metal free (no loop problems)
- Completely dry design
- Especially suitable for field-installable UniCam[®] connectors

Temperature Range:

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

Multimode and single-mode I-MIC indoor cable

Light and thin indoor cables, 900 μ m, TB3, LSZH multimode 62.5/125 (OM1), standard 50/125 (OM2) and laser-optimised 50/125 (OM3) and single-mode 9/125 (OS2).

Corning Cable Systems

Multimode and Single-mode I-MIC Indoor Cable (continued)

Anixter Number	Vendor Number	Description
370-569-IMIC/62.5-02	LCXLI2M5002A700	2 fibre, multimode 62.5/125, orange
370-569-IMIC/62.5-04	LCXLI2M5004A700	4 fibre, multimode 62.5/125, orange
370-569-IMIC/62.5-06	LCXLI2M5006A700	6 fibre, multimode 62.5/125, orange
370-569-IMIC/62.5-08	LCXLI2M5008A700	8 fibre, multimode 62.5/125, orange
370-569-IMIC/62.5-12	LCXLI2M5012A700	12 fibre, multimode 62.5/125, orange
370-569-IMIC/62.5-24	LCXLI2M5024A700	24 fibre, multimode 62.5/125, orange
374-COR50CC-TBD-02	LCXLI2L5002G700	2 fibre, multimode 50/125, orange OM2, ClearCurve
374-COR50CC-TBD-04	LCXLI2L5004G700	4 fibre, multimode 50/125, orange OM2, ClearCurve
374-COR50CC-TBD-06	LCXLI2L5006G700	6 fibre, multimode 50/125, orange OM2, ClearCurve
374-COR50CC-TBD-08	LCXLI2L5008G700	8 fibre, multimode 50/125, orange OM2, ClearCurve
374-COR50CC-TBD-12	LCXLI2L5012G700	12 fibre, multimode 50/125, orange OM2, ClearCurve
374-COR50CC-TBD-16	LCXLI2L5016G700	16 fibre, multimode 50/125, orange OM2, ClearCurve
374-COR50CC-TBD-24	LCXLI2L5024G700	24 fibre, multimode 50/125, orange OM2, ClearCurve
374-COR300CC-TBD-02	LCXLI2L5002H700	2 fibre, multimode 50/125 OM3 for 10 Gig/sec applications, aqua ClearCurve
374-COR300CC-TBD-04	LCXLI2L5004H700	4 fibre, multimode 50/125 OM3 for 10 Gig/sec applications, aqua ClearCurve
374-COR300CC-TBD-06	LCXLI2L5006H700	6 fibre, multimode 50/125 OM3 for 10 Gig/sec applications, aqua ClearCurve
374-COR300CC-TBD-08	LCXLI2L5008H700	8 fibre, multimode 50/125 OM3 for 10 Gig/sec applications, aqua ClearCurve
374-COR300CC-TBD-12	LCXLI2L5012H700	12 fibre, multimode 50/125 OM3 for 10 Gig/sec applications, aqua ClearCurve
374-COR300CC-TBD-24	LCXLI2L5024H700	24 fibre, multimode 50/125 OM3 for 10 Gig/sec applications, aqua ClearCurve
370-509-IMIC/SM-04	LCXLI2D5004U700	4 fibre, single-mode 9/125, yellow
370-509-IMIC/SM-06	LCXLI2D5006U700	6 fibre, single-mode 9/125, yellow
370-509-IMIC/SM-08	LCXLI2D5008U700	8 fibre, single-mode 9/125, yellow
370-509-IMIC/SM-12	LCXLI2D5012U700	12 fibre, single-mode 9/125, yellow
370-509-IMIC/SM-24	LCXLI2D5024U700	24 fibre, single-mode 9/125, yellow

Corning Cable Systems

Multimode and Single-mode with Metal Armouring



Application

Cables can be employed for outdoor applications, for campus backbone and building backbone (riser) cabling mainly. The cables can be buried directly in the ground or pulled into duct systems. Where high mechanical loads are involved, as is the case in direct buried installations, the additional armouring is recommended. Metallic armouring is considered the most effective protection against rodent damage. The metallic armouring is a corrugated steel tape under the outer jacket. A special coating is used to bond the outer jacket to the steel tape. Where the mechanical loads are exceptionally high, a further inner jacket can be inserted underneath the steel tape.

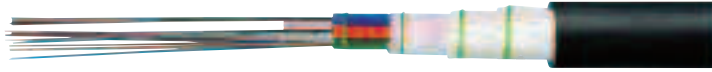
Specifications

- Central tube of loose tube construction, corrugated Steel Tape Armour (STA), PE or LSZH jacket
- Test procedures to IEC 60794-1-2 for tensile strength, impact resistance, crush resistance, bending features and water penetration
- LSZH also satisfies standards for indoor cables IEC 60332-1, IEC 60754-2 and IEC 61034 for non-corrosive, flame retardant and low smoke emission
- Multimode 50/125 (OM2), 62.5/125 (OM1) and single-mode 9/125 (OS2)

Anixter Number	Vendor Number	Description
370-566-6AMPC-04	FWCT01S0004A004	4 fibre, multimode 62.5/125, STA, LSZH, black
370-566-6AMPC-06	FWCT01S0006A004	6 fibre, multimode 62.5/125, STA, LSZH, black
370-566-6AMPC-08	FWCT01S0008A004	8 fibre, multimode 62.5/125, STA, LSZH, black
370-566-6AMPC-12	FWCT01S0012A004	12 fibre, multimode 62.5/125, STA, LSZH, black
370-567-6AMPC-24	FWCT01S0024A004	24 fibre, multimode 62.5/125, STA, LSZH, black
373-COR50CC-LTACT-04	FWCT01S0004G004	4 fibre, multimode 50/125, STA, LSZH, black OM2, ClearCurve
373-COR50CC-LTACT-06	FWCT01S0006G004	6 fibre, multimode 50/125, STA, LSZH, black OM2, ClearCurve
373-COR50CC-LTACT-08	FWCT01S0008G004	8 fibre, multimode 50/125, STA, LSZH, black OM2, ClearCurve
373-COR50CC-LTACT-12	FWCT01S0012G004	12 fibre, multimode 50/125, STA, LSZH, black OM2, ClearCurve
373-COR50CC-LTACT-24	FWCT01S0024G004	24 fibre, multimode 50/125, STA, LSZH, black OM2, ClearCurve
370-568-6PE2-04	FWCT01S0004A003	4 fibre, multimode 62.5/125, STA, PE, black
370-568-6PE2-06	FWCT01S0006A003	6 fibre, multimode 62.5/125, STA, PE, black
370-568-6PE2-08	FWCT01S0008A003	8 fibre, multimode 62.5/125, STA, PE, black
370-568-6PE2-12	FWCT01S0012A003	12 fibre, multimode 62.5/125, STA, PE, black
372-COR9-LTACT-12	FWCT01S0012U003	12 fibre, single-mode 9/125, STA, PE, black
372-COR9-LTACT-24	FWCT01S0024U003	24 fibre, single-mode 9/125, STA, PE, black

Corning Cable Systems

Multimode and Single-mode In/Out Loose Tube with Rodent Protection



Application

MPC universal cables can be employed 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.

Specifications

- Low smoke to IEC 61034 and EN 50268 zero halogen (LSZH)
- Non-corrosive to IEC 60754-2 and EN 50267
- Flame retardant to IEC 60332-3-24 and EN 50266-2-4
- Metal free, hence no ground loop problems
- Enhanced rodent protection
- Dry cable core
- Water blocking 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

Multimode and single-mode in/out mini-bundle with rodent protection

Loose tube cables multimode 62.5/125 (OM1), 50/125 (OM2) and laser-optimised 50/125 (OM3) and single-mode 9/125 (OS2) with metal free central member, LSZH jacket, ripcord and an all-dielectric rodent protection (glass yarn armour).

Anixter Number	Vendor Number	Description
370-569-6RMPC-24	LCXLM1M4024A700	24 fibre (2 x 12), multimode 62.5/125, black
370-569-6RMPC-48	LCXLM1M4048A700	48 fibre (4 x 12), multimode 62.5/125, black
373-COR50CC-LTD-12	LCXLM1K4012G703	12 fibre (2 x 6), multimode 50/125, black OM2, ClearCurve
373-COR50CC-LTD-24	LCXLM1K4024G700	24 fibre (2 x 12), multimode 50/125, black OM2, ClearCurve
373-COR50CC-LTD-48	LCXLM1K4048G700	48 fibre (4 x 12), multimode 50/125, black OM2, ClearCurve
370-564-SMODE-24	LCXLM1D4024U703	24 fibre (2 x 12), single-mode 9/125, black
370-564-SMODE-48	LCXLM1D4048U702	48 fibre (4 x 12), single-mode 9/125, black

Corning Cable Systems

Multimode and Single-mode In/Out Central Tube with Rodent Protection



Application

MPC universal cables can be employed both indoors and outdoors for campus backbone and building backbone (riser) cabling, as well as for cabling between floor distributors and terminal equipment/workstations (fibre-to-the-desk). The cables can be installed in conduits, ducts and be buried directly in the ground.

Specifications

- Low smoke to IEC 61034 and EN 50268 zero halogen (LSZH)
- Non-corrosive to IEC 60754-2 and EN 50267
- Flame retardant to IEC IEC 60332-3C and EN 60332-3-24
- Metal free, hence no ground loop problems
- Enhanced rodent protection
- Water blocking to IEC 60794-1-2-F5
- UV resistant
- Suitable for use outdoors and indoors
- Direct burial in the ground possible (microbe resistant)
- Small diameter
- 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

Multimode and single-mode in/out central tube with rodent protection

Central tube construction cables multimode 62.5/125 (OM1), standard 50/125 (OM2) and laser-optimised 50/125 (OM3) and single-mode 9/125 (OS2), all dielectric with flame retardant LSZH jacket, rodent protection (glass yarn armour) and ripcord.

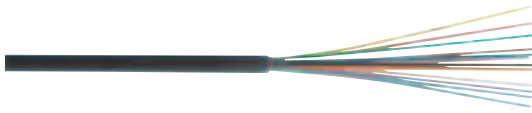
Corning Cable Systems

Multimode and Single-mode In/Out Central Tube with Rodent Protection (continued)

Anixter Number	Vendor Number	Description
370-569-6RMPC-04	LCXLM1M0004A700	4 fibre, multimode 62.5/125, black OM1
370-569-6RMPC-06	LCXLM1M0006A700	6 fibre, multimode 62.5/125, black OM1
370-569-6RMPC-08	LCXLM1M0008A700	8 fibre, multimode 62.5/125, black OM1
370-569-6RMPC-12	LCXLM1M0012A700	12 fibre, multimode 62.5/125, black OM1
370-569-6RMPC-16	LCXLM1M0016A700	16 fibre, multimode 62.5/125, black OM1
370-COR50CC-LTDCT-04	LCXLM1K0004G700	4 fibre, multimode 50/125, black OM2, ClearCurve
370-COR50CC-LTDCT-06	LCXLM1K0006G700	6 fibre, multimode 50/125, black OM2, ClearCurve
370-COR50CC-LTDCT-08	LCXLM1K0008G700	8 fibre, multimode 50/125, black OM2, ClearCurve
370-COR50CC-LTDCT-12	LCXLM1K0012G700	12 fibre, multimode 50/125, black OM2, ClearCurve
370-COR50CC-LTDCT-16	LCXLM1K0016G700	16 fibre, multimode 50/125, black OM2, ClearCurve
370-COR50CC-LTDCT-24	LCXLM1K0024G700	24 fibre, multimode 50/125, black OM2, ClearCurve
370-COR300CC-LTCT-04	LCXLM1K0004H700	4 fibre, multimode 50/125 OM3 for 10Gig/sec applications, black ClearCurve
370-COR300CC-LTCT-06	LCXLM1K0006H700	6 fibre, multimode 50/125 OM3 for 10Gig/sec applications, black ClearCurve
370-COR300CC-LTCT-08	LCXLM1K0008H700	8 fibre, multimode 50/125 OM3 for 10Gig/sec applications, black ClearCurve
370-COR300CC-LTCT-12	LCXLM1K0012H700	12 fibre, multimode 50/125 OM3 for 10Gig/sec applications, black ClearCurve
370-COR300CC-LTCT-16	LCXLM1K0016H700	16 fibre, multimode 50/125 OM3 for 10Gig/sec applications, black ClearCurve
370-COR300CC-LTCT-24	LCXLM1K0024H700	24 fibre, multimode 50/125 OM3 for 10Gig/sec applications, black ClearCurve
370-563-SMODE-04	LCXLM1D0004U700	4 fibre, single-mode 9/125, black
370-563-SMODE-06	LCXLM1D0006U700	6 fibre, single-mode 9/125, black
370-563-SMODE-08	LCXLM1D0008U700	8 fibre, single-mode 9/125, black
370-563-SMODE-12	LCXLM1D0012U700	12 fibre, single-mode 9/125, black
370-563-SMODE-24	LCXLM1D0024U700	24 fibre, single-mode 9/125, black

ADC Krone

TrueNet® Tight Buffered Multimode/Single-mode Fibre Cables



Application

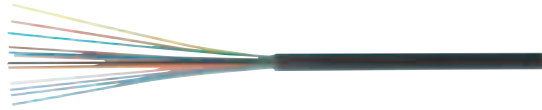
Multimode indoor/outdoor fibre, tight buffered. Cable loss at 850nm 3.5 dB/km and at 1300nm 1.5 dB/km.

Specifications

- **Outer Sheath:** LSZH, UV stabilised for outdoor applications, black
- **Sheath Thickness:** 1.1mm
- **Fire Retardancy:** 2 - 12 cores IEC 60332-1 and 60332-3C, 16 - 24 cores IEC 60332-1
- Aramid yarn for added 'crush' protection to the optical cores
- Available with OM1, OM2, OM3 and OM3e grade glass
- Hybrid multimode and single-mode options available

TrueNet® Tight Buffered, Indoor/Outdoor, LSZH Duct Grade Cable

Anixter Number	Vendor Number	Description
Fibre Optic Cable, Tight Buffered, OM1 (62.5/125µm), LSZH, Black. Bandwidth at 850nm: 200 MHz.km		
370-900-6LS2-04	7004LZHIOC062	4 fibre
370-900-6LS2-08	7008LZHIOC062	8 fibre
370-900-6LS2-12	7012LZHIOC062	12 fibre
370-900-6LS2-24	7024LZHIOC062	24 fibre
Fibre Optic Cable, Tight Buffered, OM2 (50/125µm) LSZH, Black. Bandwidth at 850nm: 500 MHz.km		
370-900-5LS2-04	0004LZHIOC050	4 fibre
370-900-5LS2-08	7008LZHIOC050	8 fibre
370-900-5LS2-12	7012LZHIOC050	12 fibre
370-900-5LS2-24	0024LZHIOC050	24 fibre
Fibre Optic Cable, Tight Buffered, OM3 (50/125µm), LSZH, Black. Bandwidth at 850nm: 2000 MHz.km		
370-900-5LS20M3-04	7023 3 229-04	4 fibre
370-900-5LS20M3-08	7023 3 229-08	8 fibre
370-900-5LS20M3-12	7023 3 229-12	12 fibre
370-900-5LS20M3-24	7023 3 229-24	24 fibre
9/125µm Single-mode, Indoor/Outdoor, Fibre Optic Cables, Tight Buffered, LSZH. Cable Loss at 1310nm 1.0 dB/km		
370-564-SMODEOS1-04	7023 3 228-04	4 fibre
370-564-SMODEOS1-08	7023 3 228-08	8 fibre
370-564-SMODEOS1-12	7023 3 228-12	12 fibre
370-564-SMODEOS1-24	7023 3 228-24	24 fibre



Application

TrueNet® loose tube, indoor/outdoor, LSZH duct grade cables.

Specifications

- **Outer Sheath:** LSZH, UV stabilised for outdoor applications, black
- Water blocked (IEC60794)
- **Sheath Thickness:** 1.5mm
- **Fire Retardancy:** 2 - 24 cores IEC 60332-1
- Glass fibre armour
- Available with OM1, OM2, OM3 and OM3e grade glass
- Hybrid multimode and single-mode OS1 options available

Anixter Number	Vendor Number	Description
OM1		
370-500-6LS2-04	7023 3 220-04	4 fibre 62.5/125 μ m
370-500-6LS2-08	7023 3 220-08	8 fibre 62.5/125 μ m
370-500-6LS2-12	7023 3 220-12	12 fibre 62.5/125 μ m
370-500-6LS2-16	7023 3 220-16	16 fibre 62.5/125 μ m
370-500-6LS2-24	7023 3 220-24	24 fibre 62.5/125 μ m
OM2		
370-500-5LS2-04	7023 3 222-04	4 fibre 50/125 μ m
370-500-5LS2-08	7023 3 222-08	8 fibre 50/125 μ m
370-500-5LS2-12	7023 3 222-12	12 fibre 50/125 μ m
370-500-5LS2-16	7023 3 222-16	16 fibre 50/125 μ m
370-500-5LS2-24	7023 3 222-24	24 fibre 50/125 μ m
OM3		
370-500-5LS2OM3-04	7023 3 227-04	4 fibre 50/125 μ m
370-500-5LS2OM3-08	7023 3 227-08	8 fibre 50/125 μ m
370-500-5LS2OM3-12	7023 3 227-12	12 fibre 50/125 μ m
370-500-5LS2OM3-16	7023 3 227-16	16 fibre 50/125 μ m
370-500-5LS2OM3-24	7023 3 227-24	24 fibre 50/125 μ m



ANIXTER

Corning Cable Systems

Tool Kits



Application

Corning Cable Systems offers several tool kits for installation of UniCam® Connectors. The flagship tool kit is the UniCam® High-Performance Tool Kit (TKT-UNICAM-PFC), a thoughtfully designed tool kit that virtually eliminates human variability from installation.

The TKT-UNICAM-PFC includes a lightweight, hand-held installation tool with an immediate go/no-go feedback signal, providing unmistakable confirmation of a successful termination. The kit's high-performance cleaver has an integrated fibre scrap bin and a dual-clamp precision hold for the field fibre, with a diamond blade to achieve a superior cleave. The UniCam® High-Performance Tool Kit can be used with multimode or single-mode LC, SC and ST® Compatible UniCam® Connectors (standard and High-Performance), and is required to achieve High-Performance specifications for UniCam® High-Performance Single-mode Connectors.

The standard UniCam® Connector Installation Tool Kit (TKT-UNICAM) is a basic installation tool kit and can be used to terminate all single- and 2-fibre UniCam® Connector styles (SC, LC, ST compatible, FC and MT-RJ connectors). UniCam® High-Performance Multimode Connectors (SC, LC and ST compatible) can achieve High-Performance with the use of this tool.

The UniCam® Connector Installation Tool Kit with Continuity Test Set (TKT-UNICAM-CTS-SF) provides a visual feedback feature when terminating UniCam® SC, LC or ST Compatible Connectors. Useful for reducing scrap rates or for training new installers, the TKT-UNICAM-CTS-SF is very popular, since the installer can watch for the red glow in the back of the connector to dim or disappear. This indicates that the field fibre is inserted properly in the connector.

- UniCam® Connector installations
- Local area networks (LANs), including main cross-connect, telecommunications room and telecommunications enclosures
- Fibre-to-the-desk
- Data centers

Corning Cable Systems

Tool Kits (continued)

Features continued

UniCam® High-Performance Tool Kit (TKT-UNICAM-PFC)

- Virtually eliminates human variability in installation, ensuring consistent, reliable results
- UniCam® High-Performance Installation Tool uses a go/no go LED to provide unmistakable confirmation of a successful termination
- High-Performance Cleaver uses dual-clamp precision and a diamond blade for a superior cleave
- About 45 seconds per connector to install
- Sleek, well-organised carrying case with built-in conveniences for easy, on-the-go field terminations
- Tool kit designed to allow work out of the bag, eliminating set-up and tear-down time
- One kit terminates both single-mode and multimode LC, SC and ST® Compatible Connectors

Standard UniCam® Connector Installation Tool Kit (TKT-UNICAM)

- Convenient carrying bag contains all of the components necessary to terminate UniCam® Connectors
- Installs SC, LC, ST Compatible and FC connectors in less than a minute (MT-RJ, less than three minutes)
- One kit terminates both single-mode and multimode UniCam® Connectors

Standard UniCam® Single Fibre Connector Installation Tool Kit with Continuity Test Set (TKT-UNICAM-CTS-SF)

- Convenient carrying bag contains all of the components necessary to terminate UniCam® Connectors
- Installs SC, LC, ST compatible and FC connectors in less than a minute
- One kit terminates single-mode and multimode UniCam® Connectors
- CTS option reduces scrap rate and helps train new installers
- Not available for MT-RJ

Anixter Number	Vendor Number	Description
347845	TKT-UNICAM-PFC	UniCam® High-Performance Tool Kit, includes UniCam® High-Performance Installation Tool for termination of multimode and single-mode SC, LC and ST® Compatible Connectors, includes High-Performance Flat Cleaver, 1.25 and 2.50 mm VFL ferrule adaptors, and all required fibre preparation and cleaning tools and materials
170006	TKT-UNICAM	Basic Installation Kit for single fibre and 2 fibre UniCam® Connectors, terminates single fibre ST compatible, SC, LC and FC, as well as 2 fibre UniCam® MT-RJ Connectors, includes all required fibre preparation and cleaning tools and materials
309616	TKT-UNICAM-CTS-SF	Single fibre TKT-UNICAM plus splitter box, SC, ST® compatible and LC CTS adaptors and jumpers needed to add CTS functionality; VFL is included

Corning Cable Systems

UniCam® Connector Multimode & Single-mode ST, SC, MT-RJ, LC for OM1/OM2/OM3 & OS2 Fibres



Application

The field-installable UniCam® connector versions provide a high quality alternative to epoxy and polish connectors. They provide simple, quick and reliable connector installation on site. Fibre stubs are pre-installed in the ferrules of the UniCam® connectors at the factory, thus eliminating the critical epoxy and polish operations in the field.

On site, the stripped and cleaved field fibres are inserted into the UniCam® connectors and retained. A mechanical splice inside the connector establishes the low-loss connection between the field fibre and the pre-installed fibre inside the connector.

The UniCam® connector can best be described as a mini pigtail. Unlike other no-epoxy, field-installable connectors, the UniCam® connector requires no polishing.

- No-epoxy or polishing
- Economical cost for all fibre terminations
- Fastest termination time in the industry: less than 2 minutes per fibre
- Low labour and no consumables for reduced total cost
- Minimal tool kit, reduced set-up time; universal assembly tool terminates all single and 2-fibre UniCam® connector styles
- Small form factor options: LC and MT-RJ
- Eliminates unnecessary cable slack and storage

Corning Cable Systems

UniCam[®] Connector Multimode & Single-mode ST, SC, MT-RJ, LC for OM1/OM2/OM3 & OS2 Fibres (continued)

Anixter Number	Vendor Number	Description
UniCam[®] SC Connectors		
169224-NEW	95-000-40	UniCam [®] SC connector for multimode 62.5 μ m fibre (OM1), composite ferrule
149568-NEW	95-000-41	UniCam [®] SC connector for multimode 62.5 μ m fibre (OM1), ceramic ferrule
205644-NEW	95-050-41	UniCam [®] SC connector for multimode 50 μ m fibre (OM2), ceramic ferrule
278287	95-050-40	UniCam [®] SC connector for multimode 50 μ m (OM2), composite ferrule
255259-NEW	95-050-41-X	UniCam [®] SC connector for multimode 50 μ m fibre (OM3), ceramic ferrule
152758-NEW	95-200-41	UniCam [®] SC SPC connector for single-mode 9 μ m fibre (OS2), Super PC, ceramic ferrule
360136	95-200-44	UniCam [®] SC APC connector for single-mode 9 μ m fibre (OS2), ceramic ferrule
UniCam[®] ST Connectors		
170002-NEW	95-000-50	UniCam [®] ST connector for multimode 62.5 μ m fibre (OM1), composite ferrule
170001-NEW	95-000-51	UniCam [®] ST connector for multimode 62.5 μ m fibre (OM1), ceramic ferrule
188883-NEW	95-050-51	UniCam [®] ST connector for multimode 50 μ m fibre (OM2), ceramic ferrule
278288	95-050-50	UniCam [®] ST connector for multimode 50 μ m fibre (OM2), composite ferrule
170003-NEW	95-200-51	UniCam [®] ST connector for single-mode 9 μ m fibre (OS2), Super PC, ceramic ferrule
308485	95-050-51-X	UniCam [®] ST connector for multimode 50 μ m fibre (OM3), ceramic ferrule
UniCam[®] LC Connectors		
280091-NEW	95-000-99	UniCam [®] LC connector for multimode 62.5 μ m fibre (OM1), ceramic ferrule
280092-NEW	95-050-99	UniCam [®] LC connector for multimode 50 μ m fibre (OM2), ceramic ferrule
280093-NEW	95-050-99-X	UniCam [®] LC connector for multimode 50 μ m fibre (OM3), ceramic ferrule
280090-NEW	95-200-99	UniCam [®] LC connector for single-mode 9 μ m fibre (OS2), Ultra PC, ceramic ferrule
Accessories		
429613	FBC-002	Score and Snap Cleaver
521266	S45057-Z201-A26	Alcohol pad for cleaning the fibre (isopropanol)
543866	VFL-350	Visual Fault Locator
400870	TKT-CLEAN-EMEA	Fibre Cleaning Kit
429612	FAN-BT-3CM-25	Short 900 μ m buffer tub