



Networking, Cable & Connectivity Solutions

Complete solutions designed to help connect your world for a smarter, sustainable future.





CONEX

Smart building Automation Cables:

Enhancing Automation, Security, Fire Safety, Data communication and building management systems.

INFORMATIONAL REFERENCE

CHH Conex cables offer peak performance for building automation, security, data communication, and fire resistance systems. This versatile range includes paired, multi-conductor, coaxial, and fiber optic (single-mode and multi-mode) solutions. While advanced, CHH Conex cables remain budget-friendly, ensuring quality within financial reach. Aligned with industry standards and tech trends, these cables keep your systems current. From multi-conductor to coaxial and fiber setups, CHH Conex cables suit diverse needs. They guarantee reliability and resilience, meeting fire resistance standards for heightened safety.

Application Landscape

01

Data and Communication:

Ethernet, Audio/video, Cameras, and Multimedia equipment. Automation, Robotic, Renewable energy

02

Security Systems:

CCTV, sensors, alarms, access control

03

Entertainment & Audio:

Smart homes, home theaters, event venues, studios.

04

HVAC Systems:

Heating, ventilation, air conditioning systems, energy efficiency

Key Features

Diverse range:

Multiple conductors, paired configurations., Coax, Lan, fiber

Exceptional fire resistant

Performance:

UL, CPR, LPCB, BASEC, IEC – Plenum, LSNH

CHH Conex Recognized

Quality:

A substantial 12-year warranty

Easy Part number selection:

Simplified, clear, and user-friendly part number system.

Water-blocked cable options, moisture exposure, ensures consistent cable performance and longevity.

Manufactured Globally:

Ensuring consistent availability and prompt distribution.

Pioneering Connectivity and Safety for Modern Smart Environments.

Unveiling Our Cable Innovations to Elevate Your Systems with Cutting-edge Connectivity Solutions.

Seamless Power and Data Transmission for Advanced Infrastructures: Elevating Fire Safety, Control and Instrumentation, Access Control, Building Management, HVAC Automation, LAN and WAN Communication, and Audio Systems.

INTRODUCTION

Step into the realm of unparalleled innovation within the low voltage cable domain, where connectivity and efficiency thrive. Introducing CHH Conex Copper and Fiber Cables and Connectivity – an embodiment of precision for contemporary infrastructures. From fire security to access control, building management, HVAC automation, and crystal-clear audio and video transmissions, our cables redefine the essence of connectivity and safety. We stand as the cornerstone, facilitating reliable communication and control across a spectrum of critical systems. At the heart of safeguarding lives and enhancing environments, we are your dedicated partner in crafting the future of smart spaces.

Why Our Cables Stand Out



Reliability:

Ensuring steadfast connectivity, our cables undergo rigorous testing for seamless power and data flow, ensuring operation fluidity across all systems, even in demanding conditions.



Precision Engineering:

Meticulously crafted, our cables stand as paragons of performance and endurance, designed to excel under all circumstances.



Innovation:

Stay ahead of technological advances with future-ready cables, poised to accommodate upgrades and expansions.



Expertise:

Backed by years of industry acumen, we deliver tailored solutions and technical support to meet your distinctive project requisites.



Sustainability:

Our commitment to eco-conscious practices extends to our cables, created with responsible materials and manufacturing processes.

Product Highlights



Building Management Backbone

Forge a connected future as our robust cables link, monitor, and govern diverse building systems. Establish a unified network streamlining energy management, lighting control, and environmental monitoring for peak operational efficiency.



Seamless Integration

Seamlessly uniting fire alarms, access control, building management, HVAC automation, and audio systems, our cables form the backbone of diverse infrastructures. Manage access points seamlessly, facilitating efficient communication between security devices and control centers. Be it a single entrance or an intricate facility, our cables ensure uninterrupted access control.



Low Current Fire Alarm Cables

Transmitting crucial fire safety signals swiftly and accurately, our specialized cables surpass industry standards. Every second is pivotal, and our cables serve as the lifeline safeguarding lives and assets.



HVAC Automation Control

Embark on a journey of comfort's future with precision-engineered cables enabling intelligent HVAC automation. Reap the rewards of energy conservation, personalized climate mastery, and responsive ventilation through flawless connectivity.

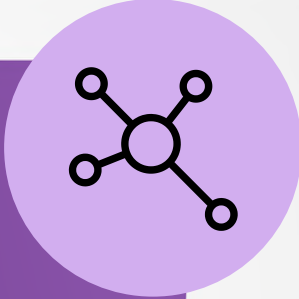


Crystal-Clear Audio Transmission

Elevate your auditory realm with cables that transmit sound in its purest form. Whether it's an immersive auditorium or an intimate meeting space, our cables preserve the authenticity of every note and syllable.

INDEX	
1	Multi - Conductor Cables
2	Control and Electronic Cables
3	Ethernet Cables
4	Fire Resistant Cables
5	Co-axial Cables
6	Fiber Optic Cables
7	Miscellaneous Information

Adaptable Connectivity:



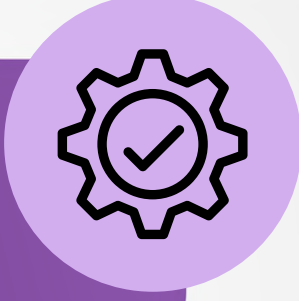
Our Multi-Conductor Cables offer a flexible platform for integrating various systems within modern infrastructures. Whether it's security, automation, or communication, these cables effortlessly accommodate diverse needs.

Reliable Performance:



Rigorously tested and engineered to meet the highest industry standards, our Multi-Conductor Low Voltage Cables ensure unwavering performance, even in demanding environments. Experience the future of connectivity with our Multi-Conductor Low Voltage Cables, where adaptability, efficiency, and reliability converge to shape the landscape of seamless communication and control. Elevate your systems with a new standard of connectivity excellence.

Streamlined Installations:



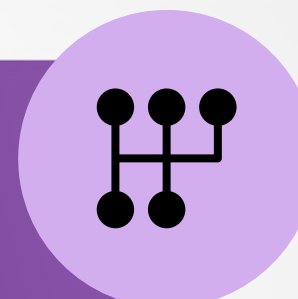
With multiple conductors conveniently grouped within a single cable, installations become more efficient and organized. This reduces clutter and simplifies maintenance, resulting in cost savings over the cable's lifecycle.

Exceptional Shielding:



Our Multi-Conductor Cables feature advanced shielding techniques, providing enhanced protection against electromagnetic interference (EMI) and radio frequency interference (RFI), thereby ensuring consistent signal integrity.

Efficient Signal Separation:



Each conductor within the cable is meticulously insulated, ensuring optimal signal separation and minimizing cross-talk. This feature guarantees clear and reliable data transmission, even in complex network configurations. Space-Saving Design: The compact and organized arrangement of multiple conductors within a single cable optimizes space utilization. This is especially crucial in environments where efficient space management is paramount.

Multi Conductor Cables

To utilize the smart part number configuration matrix, choose an option from each category and merge them to create a personalized part number. Refer to the example below.

Jacket		# of Stranded Multi Conductor		Cross Section		Shielding		Application
				AWG (mm ² solid))	AWG (mm ²)			
3	Plenum (CMP)	2	2 conductors , 1 pair	8	8 AWG (8.4 mm ²)	F	shielded -Overall Foil with drain (multi conductor or multipair) CPR Eca, High capac, , Bare Copper	Control, Security ,communication, Security , Audio , Alarm , Commercial sound , Intercom,Building managemnet
2	LSZH	3	3 conductors	10	10 AWG (5.3 mm ²)			
1	PVC-CMR (UL)	4	4 conductors, 2 pairs	11	4 mm ²			
0	PVC-CM (UL)	5	5 conductors	12	12 AWG(3.3 mm ²)			
		6	6 conductors, 3 pairs	13	2.5 mm ²	U	Unshielded (multi conductor or or multipair) CPR Eca, High capac, Bare Copper	
		7	7 conductors	14	14 AWG(2.1 mm ²)			
		8	8 conductors, 4 pairs U	15	1.5 mm ²			
		9	9 conductors	16	16 AWG(1.3 mm ²)			
		10	10 conductors,5 pairs	17	1.0 mm ²			
		12	12 conductors,6 pairs	18	18 AWG(0.82 mm ²)			
		16	16 conductors, 8 pairs	19	0.75 mm ²			
		20	20 conductors,10 pairs	20	20 AWG(0.52 mm ²)			
				21	0.5 mm ²			
				22	22 AWG(0.33 mm ²)			
				24	24AWG (0.21 mm ²)			

Examples

Description	Jacket	# Conductors	Cross Section	Shielding'	CHH Part #
Lsnh, 18AWG, 2 conductor , shielded	2	2	18	F	C2218F
Plenum, 18AWG, 4 conductor , shielded	3	4	18	F	C3418F
PVC, 16AWG, 2 conductor , un-shielded	1	2	16	U	C1216U

Not all combinations are viable. US products does not permit the use of metric size conductors. Kindly verify the products present in the catalog or assess feasibility with a CHH Conex Wires and Cables representative . Feasible yet currently unavailable products typically entail minimum order quantities (MOQs) and certification lead times.

Achieve precision and reliability with our Control and Instrumentation Cables. Designed for accurate data transmission and seamless integration, these cables empower your operations with consistent control and measurement capabilities.

Key Features

Signal Integrity

Maintain accurate data transmission over long distances.

Noise Immunity

Shielded against electromagnetic interference for reliable performance.

Flexibility

Easily integrate into complex setups without compromising accuracy.

Temperature Resilience

Suitable for diverse industries and temperature ranges.

Plug-and-Play

Industry-standard connectors for hassle-free installation.

Durability

Rugged construction resists abrasion and moisture, ensuring longevity.

Experience Precision Power

Enhance control and measurement processes with our dependable Control and Instrumentation Cables. From industrial automation to scientific research, achieve precise results.

Efficient data communication is yours with our RS485 Cables. Ideal for long-distance transmission, these cables redefine reliable serial communication.

Key Features

Extended Reach:

Transmit data over impressive distances with minimal signal loss.

Multi-Device Connectivity:

Connect multiple devices in complex networks.

Noise Immunity:

Shielded against electrical noise for consistent data exchange.

High Data Rates:

Enjoy high-speed transfers for time-sensitive applications.

Versatile:

Adaptable across industries, from automation to building management.

Half-Duplex Efficiency:

Optimize resource use with shared transmission and reception.

Tough Reliability:

Withstand harsh environments for consistent performance.

Unlock Seamless Communication:

Upgrade your data communication with our RS485 Cables, delivering reliability and efficiency to industrial control and intelligent building networks.

Control and electronic Cables

Control and RS485 Cables

To utilize the smart part number configuration matrix, choose an option from each category and merge them to create a personalized part number. Refer to the example below.

8		2		18		NH		8218NH
Electronic/RS485		# of Stranded Multi Conductor		Cross Section		Jacket		Application
				AWG (mm ²) AWG (mm ²)				
9	Electronic - OS or/and IS-Foil			8	8 AWG (8.4 mm ²)	MP	Plenum - UL (CMP)	Audio, Control , instrumentation, Electronic
8	RS485 - OS or /and IS-Foil	2	2 conductors ,	10	10 AWG (5.3 mm ²)	NH	LSZH	
		2	1 -pair	11	4 mm ²		PVC - UL (CMR)	
		3	3 conductors	12	12 AWG(3.3 mm ²)	CM	PVC - UL (CM)	
		4	4 conductors ,2 pairs	13	2.5 mm ²			
		5	5 conductors	14	14 AWG(2.1 mm ²)			
		6	6 conductors, 3 pairs	15	1.5 mm ²			
		7	7 conductors	16	16 AWG(1.3 mm ²)			
		8	8 conductors, 4 pairs	17	1.0 mm ²			
		9	9 conductors	18	18 AWG(0.82 mm ²)			
		10	10 conductors,5 pairs	19	0.75 mm ²			
		12	12 conductors,6 pairs	20	20 AWG(0.52 mm ²)			
		16	16 conductors, 8 pairs	21	0.5 mm ²			
		20	20 conductors,10 pairs	22	22 AWG(0.33 mm ²)			
				24	24AWG (0.21 mm ²)			

Not all combinations are viable. US products does not permit the use of metric size conductors. Kindly verify the products present in the catalog or assess feasibility with a CHH Conex Wires and Cables representative . Feasible yet currently unavailable products typically entail minimum order quantities (MOQs) and certification lead times.

Description	Type	# Conductors	Cross Section	Jacket	CHH Part #
RS-485, 1PR#24 Str TC PO Ins,OS+TC Brd,LSZH Jkt,ECA	8	2	24	NH	8222NH
Electronic, 2 C #22 Str TC, PE ins, OS, LSZH Jkt, 300V, ECA	9	2	22	NH	9124NH

Elevate LAN Connectivity:

Unveiling Category Cables for Ultimate Performance

Unleash the Power of Seamless Data Transmission with CAT 6, 6A, 7, and 7A Cables

INTRODUCTION

Welcome to the forefront of connectivity excellence. Our range of Category Cables, compliant with ANSI/TIA/EIA-568-C.2 standards, redefines the landscape of data transmission. From CAT 6 to 7A, each cable represents a pinnacle of performance, delivering unprecedented speeds, reliability, and innovation.

Experience the Evolution:

Step into the next generation of networking with our Category Cables, engineered to meet the demands of modern connectivity. Whether it's lightning-fast data transfers or seamless multimedia streaming, our cables empower you to stay ahead in a data-driven world.

Unlock the Future:

Whether it's business, entertainment, or innovation, our Category Cables provide the foundation for a connected world. With CAT 6, 6A, 7, and 7A options, we empower you to choose the right cable for your unique requirements.

Key Features



CAT 6:

Optimal performance and versatility for everyday networking needs.



CAT 6A:

Elevated 10G performance, designed for high-speed applications and future-proofing.



CAT 7:

Unleash Gigabit Ethernet speeds with improved shielding for minimal interference.



CAT 7A:

Elevate your network with unparalleled performance for demanding applications.



Innovation and Reliability:

Our Category Cables adhere to ANSI/TIA/EIA-568-C.2 standards, assuring you of compatibility, performance, and reliability. Experience the confidence that comes with cables engineered to deliver uninterrupted connectivity.

To utilize the smart part number configuration matrix, choose an option from each category and merge them to create a personalized part number. Refer to the example below.

Category		Cross Section		Type of shielding		Jacket		Application
		AWG (mm ² solid))	AWG (mm ²)					
5E	Category 5E	23	23 AWG	1	U/UTP	3	Plenum (CMP)	CATEGORY CABLES SYSTEM LAN
6X	Category 6	24	24 AWG	2	F/UTP	2	LSZH	
6A	Category 6A			3	S/UTP	1	Non Plenum (CMR)	
7X	Category 7			4	SF/UTP	0	Non Plenum (CM)	
7A	Category 7A			5	U/FTP			
				6	F/FTP			
				7	S/FTP			
				8	SF/FTP			

Cable Frequency	
100MHz	Cat 5E UTP
100MHz	Cat 5E F/UTP
250MHz	Cat 6 UTP
250MHz	Cat 6 F/UTP
500MHz	Cat 6A UTP
500MHz	Cat6A F/UTP
500MHz	Cat 7 UTP
500MHz	Cat 7A F/UTP

Not all combinations are viable. US products does not permit the use of metric size conductors. Kindly verify the products present in the catalog or assess feasibility with a CHH Conex Wires and Cables representative . Feasible yet currently unavailable products typically entail minimum order quantities (MOQs) and certification lead times.

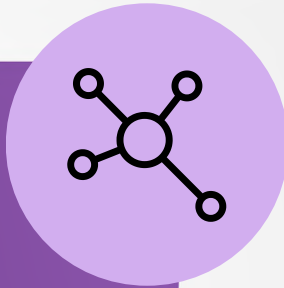
Examples

4 PAIR	
Cat 5E UTP 24 AWG U/UTP CMR	5E2411
Cat 5E UTP 24 AWG F/UTP LSZH	5E2422
Cat 6 UTP 23 AWG U/UTP CMR	6X2311
Cat 6 UTP 23 AWG F/UTP LSZH	6X2322
Cat 6A UTP 23 AWG U/UTP CMR	6A2311
Cat 6A UTP 23 AWG F/UTP LSZH	6A2322
Cat 7 UTP 23 AWG U/UTP CMR	7X2333
Cat 7A UTP 23 AWG F/UTP LSZH	7A2344

Color Available		Packing	
White	WH	305 Pull Box	305P
Grey	GR	305 Reel	305R
Blu	BL	500 Reel	500R
Black	BK	1000 Reel	1000R
Yellow	YE		
Green	GN		
Purple	PU		

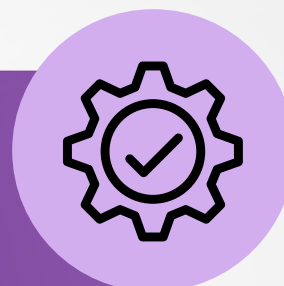
MULTIPAIR	
Category 3 Premise Horizontal Cable 2 Pair, 24 AWG Solid Bare Copper Conductors, U/UTP, Riser-CMR, PVC Jacket	3X0211
Category 3 Premise Horizontal Cable 25 Pair, 24 AWG Solid Bare Copper Conductors, U/UTP, Riser-CMR, PVC Jacket	3X2512

NoBurn XP Premium Fire Cable with LPCB and BASEC Approvals



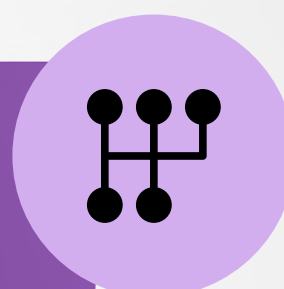
Experience unparalleled fire safety and performance with NoBurn XP Premium Fire Cable, an exceptional solution meticulously designed to safeguard lives and property. Certified and approved by LPCB (Loss Prevention Certification Board) and BASEC (British Approvals Service for Cables), this cable is engineered to meet the highest fire safety standards, ensuring optimal protection in critical applications.

Cutting-Edge Manufacturing in the UK:



Manufactured entirely in the UK, NoBurn XP Premium Fire Cable showcases the pinnacle of cable technology. Incorporating the latest materials and advanced manufacturing equipment, the cable is a testament to our commitment to providing unmatched fire safety solutions.

Advanced Data Protection and Reliability:



NoBurn XP cable cores are expertly twisted during manufacturing, elevating data protection to the highest level. This feature is especially valuable for long cable runs and analogue addressable fire systems, guaranteeing optimal performance and seamless communication.

Rigorous Certifications and Approvals:



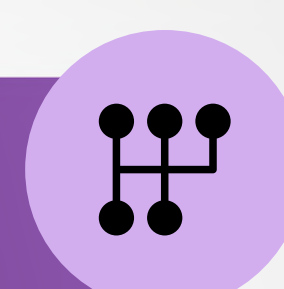
NoBurn XP Premium Fire Cable from Conex has earned prestigious certifications and approvals, including LPCB and BASEC, setting a new benchmark for fire cable excellence. It adheres to the rigorous standards of: BS EN 50200:2015+Annex E 30 mins BS EN 50200:2015 PH30, PH60 & PH120 ,BS 6387:2013 CWZ under fire conditions

Uncompromised Quality Assurance:



Every step of the manufacturing process is meticulously recorded and tracked, ensuring consistent reliability and unparalleled quality. The fire cable proudly bears the time and date of manufacture, along with a unique quality assurance batch and test number, reinforcing our dedication to transparency and accountability.

Your Assurance of Excellence:



NoBurn XP Premium Fire Cable represents the culmination of cutting-edge technology, meticulous manufacturing, and rigorous testing. With LPCB and BASEC approvals, you can trust that this cable surpasses industry standards, delivering uncompromising fire safety and reliability.

Fire Resistant Range					
Standards	Circuit Integrity	BS 6387 CWZ EN 50200 PH120		BS 6387 CWZ EN 50200 PH120 BS 7629-1 & BS 5839	
	Flame retardency	BS EN 60332-3-24 & 25		BS EN 60332-3-24 & 25	
	Add Certif	LPCB approved		BASEC approved	
# conductor	Cross Section	CHH PART NUMBER LPCB		CHH PART NUMBER BASEC	
2	1.00 mm ²	VXP-210	VXP-210D= Red Sheath 2 core x 1.0sqmm	VFP-214	VFP-210D= Red Sheath 2 core x 1.0sqmm
	1.5 mm ²	VXP-215	VXP-215D= Red Sheath 2 core x 1.5sqmm	VFP-215	VFP-215D = Red Sheath 2 core x 1.5sqmm
	2.5 mm ²	VXP-225	VXP-225D = Red Sheath 2 core x 2.5sqmm	VFP-225	VFP-225D = Red Sheath 2 core x 2.5sqmm
3	1.00 mm ²	VXP-310	VXP-310D = Red Sheath 3 core x 1.0sqmm	VFP-310	VFP-310D= Red Sheath 3 core x 1.0sqmm
	1.5 mm ²	VXP-315	VXP-315D = Red Sheath 3core x 1.5sqmm	VFP-315	VFP-315D = Red Sheath 3core x 1.5sqmm
	2.5 mm ²	VXP-325	VXP-325D = Red Sheath 3core x 2.5sqmm	VFP-325	VFP-325D = Red Sheath 3core x 2.5sqmm
4	1.0 mm ²	VXP-410	VXP-410D= Red Sheath 4core x 1.0sqmm	VFP-410	VFP-410D = Red Sheath 4core x 1.0sqmm
	1.5 mm ²	VXP-415	VXP-415D = Red Sheath 4 core x 1.5sqmm	VFP-415	VFP-415D = Red Sheath 4 core x 1.5sqmm
	2.5 mm ²	VXP-425	VXP-425D = Red Sheath 4 core x 2.5sqmm	VFP-425	VFP-425D = Red Sheath 4 core x 2.5sqmm

Coaxial CCTV Cables Crystal-Clear Vision, Uninterrupted Surveillance

Elevate Your CCTV Systems with
Unmatched Clarity and Security

INTRODUCTION

Welcome to a new era of surveillance excellence. Our Coaxial CCTV Cables redefine reliability and precision, ensuring crystal-clear visuals and seamless connectivity for your surveillance systems.

Key Features



High-Definition Imaging:

Capture every detail with precision for accurate identification.



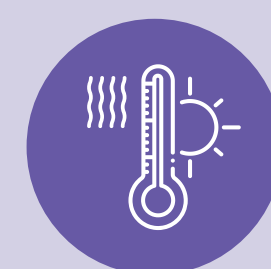
Advanced Shielding:

Noise-free signals through advanced shielding technology.



Long-Distance Transmission:

Extend surveillance reach with reliable data transmission.



Durable and Weather-Resistant:

Perform in all conditions for versatile outdoor installations.



Plug-and-Play:

Effortless integration into existing surveillance infrastructure.



Trust in Uncompromised Security:

At CHH Conex our Coaxial CCTV Cables stand as a steadfast partner in safeguarding what matters most. Elevate your vision today.

6		3		19		3		5	
AWG Size		JACKET		Conductor Type		Shielding		Insulation	
12	12 AWG	1	CMR -PVC	1	Stranded Conductor	0	75 Ohm, 90% Braid	5	Solid PE Dielectric
C11	14 AWG	2	LSNH	2	Solid Conductor	5	75 Ohm, 95% Braid	6	Foam PE Dielectric
C16	16 AWG	3	Plenum					7	Foam FEP Dielectric
C06	18 AWG								
C59	20 AWG								
C22	22AWG								
C24	24 AWG								
C25	25 AWG								

Coaxial CCTV Cables

Type Cross Section Core	Shield	CORE TYPE	Cable PVC	Cable LSZH
RG-59	95% Copper braid coverage	Solid Bare Copper	C591256	C592256
AWG 20		Stranded Conductor	C591156	C592156
Solid Bare Copper				

Not all combinations are viable. US products does not permit the use of metric size conductors. Kindly verify the products present in the catalog or assess feasibility with a CHH Conex Wires and Cables representative . Feasible yet currently unavailable products typically entail minimum order quantities (MOQs) and certification lead times.

Welcome to the latest edition of our Fiber Optic Cable Catalog, your ultimate guide to cutting-edge connectivity solutions. Discover a world of high-speed data transmission, unparalleled performance, and reliable networking options. Whether you're building a robust telecommunications network, upgrading your data center, or enhancing your residential broadband, we have the perfect fiber optic cable solutions to meet your needs.

Single-Mode Cables

Explore our collection of single-mode fiber optic cables, meticulously engineered for long-distance transmission with minimal signal loss. Ideal for telecommunication networks, data centers, and applications requiring high-speed data transfer over extended distances.

Multi-Mode Cables

Dive into the world of multi-mode fiber optic cables, optimized for shorter distances and high-capacity data transmission. Perfect for campus networks, local area networks (LANs), and multimedia applications.

Specialty Cables

Discover our specialty fiber optic cables tailored for unique requirements. From rugged outdoor cables built to withstand harsh environments, to armored cables for added protection, we have the solution to match your specific project demands.

Connectors and Accessories

Complete your fiber optic installations with our range of connectors, adapters, patch panels, and other essential accessories. Achieve seamless connectivity and hassle-free maintenance with our high-quality components.

Key Features



Experience lightning:

fast data transfer rates, ensuring your network keeps up with the demands of modern communication.



Reliability Redefined:

Our fiber optic cables are designed for exceptional durability, providing stable performance even in challenging conditions.



Future-Proof Solutions:

Stay ahead of technological advancements with cables that support evolving bandwidth requirements, ensuring your network remains adaptable for years to come.



Expert Support:

Leverage our team of experienced professionals who can assist you in choosing the right cables and configurations to meet your project goals.

To utilize the smart part number configuration matrix, choose an option from each category and merge them to create a personalized part number. Refer to the example below.

Optical characteristics		ARMOURING		FIBER TYPE		NO OF FIBER		Application
T	Tight Buffer	A	Steel Wire Armored	S1	9/125 G.657A1 OS2 (1310 / 1550 / 1625)	02	2Fiber	CAMPUS , BACKBONE AND SMART BUILDING
L	Central Loose Tube	U	Non steel wire Armored	s2	9/125 G.657A2 OS21311 / 1550 / 1625	04	4 Fiber	
				s3	9/125 G.657B3 OS21311 / 1550 / 1625	06	6Fiber	
				SD	9/125 G.652D OS21311 / 1550 / 1625	08	8 Fiber	
				CD	9/125 G.655C &D OS21550	12	12 Fiber	
				M1	62.5/125 OM1850 /1300	14	14 Fiber	
				M2	50/125 OM2851 /1300	16	16 Fiber	
				M3	50/125 OM3851 /1300	24	24 Fiber	
				M4	50/125 OM4 851 /1300	26	36 Fiber	
						48	48 Fiber	

Not all combinations are viable. US products does not permit the use of metric size conductors. Kindly verify the products present in the catalog or assess feasibility with a CHH Conex Wires and Cables representative . Feasible yet currently unavailable products typically entail minimum order quantities (MOQs) and certification lead times.

Description	Optical characteristics	ARMOURING	FIBER TYPE	NO OF FIBER	CHH Part #
UNIVERSAL, OFC. CLT, GLASS YARN, LSZH, SWA 2 FIBER, MM OM1	L	A	M1	2	LAM102
UNIVERSAL, OFC. TIGHT BUFFER. LSNH, 12 FIBER, MM OM3,	T	U	M3	12	TUM312

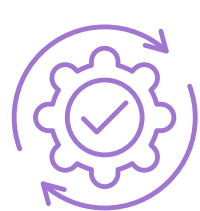
Not all combinations are viable. US products does not permit the use of metric size conductors. Kindly verify the products present in the catalog or assess feasibility with a CHH Conex Wires and Cables representative . Feasible yet currently unavailable products typically entail minimum order quantities (MOQs) and certification lead times.

UL Listed Products



*"Our CM , CMR Cables are
UL APPROVED"*

signifies that our cables have been thoroughly tested and certified by Underwriters Laboratories (UL), a globally recognized safety certification organization. UL Listing is a mark of quality and safety assurance that attests to the compliance of our cables with strict industry standards and regulations.



Rigorous Testing

To achieve UL Listing, our cables undergo comprehensive testing that evaluates their safety, performance, and reliability across various parameters. These tests are conducted in accordance with established industry standards and regulations.



Safety Assurance

UL Listing assures that our cables meet stringent safety requirements, reducing the risk of electrical hazards, fires, and other potential dangers. It signifies that our cables are designed and manufactured to operate safely under normal conditions.



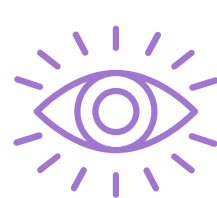
Quality Compliance

UL Listing demonstrates our commitment to producing cables that meet or exceed industry standards for quality and performance. This certification ensures that our cables consistently meet the specified requirements and provide reliable performance.



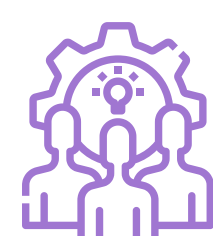
Third-Party Verification

UL is an independent third-party organization known for its impartiality and expertise. The UL Listing mark signifies that our cables have been evaluated by experts who have verified their adherence to safety and performance standards.



Continuous Monitoring

The UL Listing is not a one-time certification. Our cables undergo regular inspections and audits to ensure that they maintain their compliance with UL's stringent requirements over time.



Industry Recognition

The UL Listing mark is recognized and respected globally. It instills confidence in customers, partners, and regulatory authorities, affirming that our cables are safe and reliable for their intended applications.



Expanded Opportunities

UL Listing opens doors to new opportunities, as many industries and projects require or prioritize the use of UL Listed products. It helps streamline approvals and certifications in various markets.

In essence, when we state that "Our Cables are UL APPROVED," we are assuring you that our cables have undergone rigorous testing, adhere to strict safety standards, and are recognized by a trusted authority in the industry. It reflects our commitment to providing products that prioritize safety, quality, and compliance.

CERTIFICATE OF COMPLIANCE

Certificate Number E535337
Report Reference E535337-20230629
Issue Date 2023-JUNE-29

Issued to: CHH Conex Ltd
4 Holford Way
B6 7AX Birmingham, GB

This certificate confirms that representative samples of COMMUNICATIONS CABLE Models – CM, CMG, CMP, CMR.

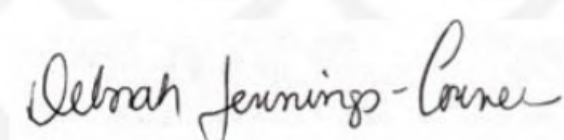
Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 444 - Communications Cables
Additional Information: See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Deborah Jennings-Conner, VP Regulatory Services
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Customer Service at <http://ul.com/aboutul/locations/>



"Our Fire Resistant Cables are LPCB and BASEC Approved"

signifies that our cables have obtained approvals from two reputable and esteemed certification bodies, the Loss Prevention Certification Board (LPCB) and the British Approvals Service for Cables (BASEC). These approvals are a testament to the exceptional fire safety and quality standards adhered to by our cables, making them a trusted choice for critical applications.



LPCB Approval

LPCB is a leading certification body that rigorously assesses products for fire safety and performance. The fact that our Fire Resistant Cables have achieved LPCB approval underscores their ability to withstand fire conditions and maintain their functionality, crucial in scenarios where safety is paramount.



BASEC Approval

BASEC is another respected organization that certifies cables based on comprehensive testing for safety, quality, and performance. Obtaining BASEC approval demonstrates that our Fire Resistant Cables meet or exceed stringent industry standards, ensuring their reliability and suitability for various applications.



Stringent Testing Process

To attain LPCB and BASEC approvals, our Fire Resistant Cables undergo meticulous testing that evaluates their resistance to fire, heat, and other adverse conditions. These tests include subjecting the cables to high temperatures, flames, and stressors, simulating real-world scenarios to validate their performance.



Compliance and Confidence

The LPCB and BASEC approvals instill confidence in customers, partners, and stakeholders, assuring them that our Fire Resistant Cables are designed to meet the highest safety and quality benchmarks.



Recognized Expertise

Both LPCB and BASEC are renowned for their expertise in assessing products' fire safety and performance attributes. Their approvals are recognized and respected by industries, regulatory bodies, and professionals globally.



Quality Assurance

LPCB and BASEC approvals provide assurance of the consistent quality and performance of our Fire Resistant Cables. They validate that our cables are designed and manufactured to adhere to strict standards and offer reliable fire protection.



Market Acceptance

LPCB and BASEC approvals enhance the market acceptance of our Fire Resistant Cables. Many projects and industries prioritize or require cables with these approvals due to their proven fire safety attributes.

In conclusion, when we state that "Our Fire Resistant Cables are LPCB and BASEC Approved," we are highlighting the rigorous testing, quality, and safety standards that our cables have successfully met. These approvals reflect our dedication to providing fire-resistant solutions that prioritize safety and reliability, making them an ideal choice for critical applications.

AWG (American Wire Gauge) to mm² Millimeters squared) Conversion



AWG/kcmil	[mm ²]*
30	0.0209
29	0.0642
28	0.081
27	0.102
26	0.129
25	0.162
24	0.205
23	0.258
22	0.326
21	0.41
20	0.52
18	0.82
16	1.31
14	2.08
12	3.31
10	5.26
8	8.36
6	13.3
4	21.2
2	33.6
1	42.4

Reach Out To Us !!!



United Kingdom



+44 (0)121 344 4229



enquiry.mea@chhconex.com



www.chhconex.com



CHH, 4 Holford Way, Holford Industrial Estate, Witton, Birmingham, B6 7AX, United Kingdom



United Arab Emirates



+971 543324555



enquiry.mea@chhconex.com



www.chhconex.com



713A , Offices at IBN Battuta Gate Jabel Ali , Sheikh Ziyad Road Dubai, United Arab Emirates

Disclaimer

© 2023 CHH CONEX. All rights reserved.

All Rights Reserved. Although CHH makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.