



## Collaterals & Tools - Selection

Belden online webpages provides up to date information on available resources and a certain number of useful tools.

[Belden.com](#)

[Online Catalog](#)

[Connector Cross Reference](#)

[CPR rated cable](#)

[Conduit Fill Calculator](#)

Online PDF documents are easy to read and share for our customers. The below overview provides a selection of relevant collaterals covering a large part of the portfolio.

Focus market	Audio, Control & Instrumentation	Fieldbus / Low capacitance / Coaxial / Composites	Category / Single Pair Ethernet	Fiber	Management / Infrastructure
Multi Purpose	<a href="#">NewGen Reference Guide - IEC &amp; UL</a>	<a href="#">Belden Classics - UL/NFPA</a>	<a href="#">DataTuff Single pair Ethernet - UL&amp;IEC</a>	<a href="#">Optical Fiber Cable Reference Guide - IEC</a>	
	<a href="#">NewGen Quick reference - UL</a>	<a href="#">Belden Classics - IEC/EN LSZH</a>	<a href="#">Datatuff IE solutions - IEC &amp; UL</a>	<a href="#">Fiber Cable for Harsh Environments - UL</a>	
	<a href="#">Safe-T-Line - IEC &amp; UL</a>	<a href="#">Greenchoice LSZH classics - UL</a>	<a href="#">Industrial Ethernet Cable &amp; Connectivity Solutions - UL</a>		
	<a href="#">LSZH speaker cable - IEC</a>	<a href="#">Belden RS-485 Cables - UL &amp; IEC</a>	<a href="#">Indoor/Outdoor Outside plant Category cables - UL</a>		
	<a href="#">Machflex series cable and connectivity - IEC</a>	<a href="#">KNX/EIB Approved Cables IEC</a>	<a href="#">IBDN Copper Connectivity Solutions - IEC</a>	<a href="#">IBDN Fiber Connectivity Solutions - IEC</a>	<a href="#">Rack &amp; Cabinet Systems- UL</a>
	<a href="#">Instrumentation - IEC</a>	<a href="#">Foundation Fieldbus XLPE insulated Cables IEC &amp; UL</a>	<a href="#">Wirenet commercial grade for networking solutions - IEC</a>	<a href="#">Fiber Product Selection guide for Data Center and Lan - UL</a>	<a href="#">Racks and Cabinet Systems - IEC</a>
	<a href="#">Control and Instrumentation - IEC</a>	<a href="#">Foundation Fieldbus Type A H1 Fire Resistant Cable IEC &amp; UL</a>	<a href="#">Belden Copper Connectivity Catalog - UL</a>	<a href="#">Belden Optical Fiber Catalog - UL</a>	
	<a href="#">Fire Survival &amp; circuit integrity Cable - IEC</a>	<a href="#">Access Control Composite Cables - UL&amp;IEC</a>	<a href="#">Patchpro</a>		
		<a href="#">OSDP Cables - UL&amp; IEC</a>			
	<a href="#">Digital Fire alarm - UL</a>				
Discrete	<a href="#">I/O systems</a>				
	<a href="#">Power Connectivity</a>	<a href="#">SpaceMaker - UL</a>			
Data Center & Broadcast		<a href="#">Professional video cable and connectors</a>	<a href="#">Broadcast and Datacenter - IEC</a>		
	<a href="#">Audio Video Solutions - IEC</a>				
Transportation	<a href="#">DNV Certified Category &amp; Fiber Cables</a>				
	<a href="#">MarineTuff Offshore and Marine Cable Solutions - UL</a>				
	<a href="#">Cable for Transportation - UL</a>				
	<a href="#">Solution for Rolling Stock - IEC</a>				
		<a href="#">Bus &amp; Coach Cables IEC/ECE R118</a>			

## Overview of the main wire & Cable Product Families

Main Cable Types	Main Families	Description and Standards	Reference Example
Optical Fiber Cables	Loose Tube	Premium loose tube cable for universal environment, including high flame rating (CPR, UL, IEC) and extended operating temperature and protections	<a href="#">GUSN</a>
	Distribution	Premium distribution cable, including high flame rating (CPR, UL, IEC) and environmental protection	<a href="#">GUMT</a>
Ethernet Category Cables	DataTuff	Premium Ethernet cable providing robustness in harsh environment, including high flame rating (CPR, UL, IEC)	<a href="#">74004NH</a>
	IBDN	Premium Ethernet cable, including high flame rating (CPR, IEC)	<a href="#">1885ENH</a>
	Wirenet	Commercial grade Ethernet cable, including high flame rating (CPR, IEC)	<a href="#">2202ELW</a>
	Single Pair Ethernet	Premium Single Pair Ethernet cable providing robustness in harsh environment, including high flame rating (CPR, UL, IEC)	<a href="#">74032PU</a>
Fieldbus & Low Capacitance Cables	RS 485/422/232 for Modbus, CANopen, BacNet MS/TP and other	Premium RS 485/422/232 cable providing robustness and extended reach, including high flame rating (CPR, UL, IEC) and EMC protection	<a href="#">9841, 9501</a>
	PROFIBUS DP/PA, Foundation fieldbus	Premium PROFIBUS DP/PA and foundation fieldbus cable providing robustness and extended length high flame rating (CPR, UL, IEC) and EMC protection	<a href="#">3079A, 3076F</a>
	Classics	Premium low capacitance communication cable providing robustness and extended reach, including high flame rating (CPR, UL, IEC).	<a href="#">8760ELW</a>
	KNX / LonWorks	Premium KNX and Lonworks cable, including high flame rating (CPR, IEC)	<a href="#">77906ELW</a>
	NewGen	Commercial grade communication and control cable, including high flame rating (CPR, UL, IEC)	<a href="#">4300ULW</a>
Access Control	Premium access control composite cable range, including high flame rating (CPR, UL, IEC)	<a href="#">558ANH</a>	

## Main Acronyms

Relevant acronyms		Material acronyms		Shielding Nomenclature			
AWG	American Wire Gage	LSZH	Low Smoke Zero Halogen	U	Unshielded	*/	Overall
GY	Glass Yarn	PVC	Polyvinyl chloride	S	Braid Shield	/*	Individual
CST	Corrugated Steel Armor	PE	Polyethylene	F	Foil Shield	TP	Twisted pair
SWA	Steel Wire Armor	PUR	Polyurethane				

## Reference Selection<sup>1</sup>

### Fiber Optic Cables

High quality loose tube and distribution cables for universal environment with high flame rating (CPR, UL, IEC) and extended operating temperature and protections.

Central Loose Tube	Reference <sup>2</sup>	Armoring	Max Fiber	Location	Jacket	CPR Rating	IEC Bundle Flame Test	Fire Resistance
General Use	<a href="#">GUSN</a>	-	24	Universal	LSZH	Dca-s2,d1,a1		
	<a href="#">GUSNC</a>	-	24	Universal	LSZH	Cca-s1a,d1,a1		
	<a href="#">GUSNB</a>	-	24	Universal	LSZH	B2ca-s1a,d1,a1		
	<a href="#">GOSN</a>	-	24	Outdoor	PE			
	<a href="#">GUCN</a>	CST	24	Universal	LSZH	Dca-s1,d1,a1		60331-25-E120 Annex E
	<a href="#">GUCNC</a>	CST	24	Universal	LSZH	Cca-s1a,d1,a1		60331-25-E120 Annex E
	<a href="#">GUCNB</a>	CST	24	Universal	LSZH	B2ca-s1a,d1,a1		60331-25-E120 Annex E
	<a href="#">GOCN</a>	CST	24	Outdoor	PE			

Distribution / Mini Breakout	Reference <sup>2</sup>	Armoring	Max Fiber	Location	Jacket	CPR Rating	IEC Bundle Flame Test
General Use	<a href="#">GUMT</a>	-	72	Universal	LSZH	Dca-s1,d1,a1	60332-3-24
	<a href="#">GUMTC</a>	-	24	Universal	LSZH	Cca-s1a,d1,a1	60332-3-24
	<a href="#">GUMTB</a>	-	24	Universal	LSZH	B2ca	

**Note 1 : Central Loose Tube :** Glass Yarn water blocking and rodent protection, jelly filled 3,3 mm diameter loose tube, Installation Tensile Strength 1500N

**Note 2 : Distribution:** Glass Yarn water blocking and rodent protection



<sup>1</sup> Additional offerings and capabilities are available either on the Belden online catalog or via Belden representative. Some examples are extra number of cores, different cross section, fire resistant, direct burial, marine approved, armoring, UL, IEC & CPR ratings, or high flex.

<sup>2</sup> The bolded references are further advised in case of doubt within this selection. All references are clickable for direct access to the online Technical Datasheet.

## Ethernet Category Cables

Wide selection of premium and standard Ethernet cable with high flame rating (CPR, UL, IEC) designed for robust and standard environment and applications

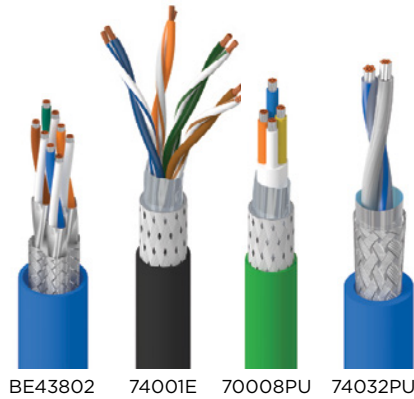
Ethernet	Cat	Reference <sup>2</sup>	Config.	AWG	Stranding	Shield	Armor	Jacket	CPR	UL	IEC 60332-	
General Use	7A	<a href="#">1888ELV</a>	4Pr	22	Solid	S/FTP	-	LSZH	B2ca-s1a,d1,a1	-	1-2	
		<a href="#">1888ENH</a>	4Pr	22	Solid	S/FTP	-	LSZH	Dca-s2,d1,a1	-	1-2	
	7	<a href="#">1885ELV</a>	4Pr	23	Solid	S/FTP	-	LSZH	B2ca-s1a,d1,a1	-	1-2	
		<a href="#">1885ELW</a>	4Pr	23	Solid	S/FTP	-	LSZH	Cca-s1a,d1,a1	-	1-2	
		<a href="#">1885ENH</a>	4Pr	23	Solid	S/FTP	-	LSZH	Dca-s2,d1,a1	-	1-2	
		<a href="#">1885ENC</a>	4Pr	23	Solid	S/FTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24	
		<a href="#">10GB24</a>	4Pr	23	Solid	U/UTP	-	LSZH	Eca	-	1-2	
	6A	<a href="#">10GX24</a>	4Pr	23	Solid	U/UTP	-	LSZH	Eca	-	1-2	
		<a href="#">10GXE00</a>	4Pr	23	Solid	F/UTP	-	LSZH	Eca	-	1-2	
		<a href="#">10GXE01</a>	4Pr	23	Solid	F/FTP	-	LSZH	Eca	-	1-2	
		<a href="#">10GXE02</a>	4Pr	23	Solid	S/FTP	-	LSZH	Eca	-	1-2	
		<a href="#">2202ELV</a>	4Pr	23	Solid	S/FTP	-	LSZH	B2ca-s1a,d1,a1	-	1-2	
		<a href="#">2202ELW</a>	4Pr	23	Solid	S/FTP	-	LSZH	Cca-s1a,d1,a1	-	1-2	
		<a href="#">2202ELY</a>	4Pr	23	Solid	S/FTP	-	LSZH	Dca-s2,d1,a1	-	1-2	
		<a href="#">7956ELV</a>	4Pr	23	Solid	U/UTP	-	LSZH	B2ca-s1a,d1,a1	-	1-2	
		<a href="#">7965ELW</a>	4Pr	23	Solid	U/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2	
		<a href="#">7965ELY</a>	4Pr	23	Solid	U/UTP	-	LSZH	Dca-s2,d2,a1	-	1-2	
	6	<a href="#">7965ENH</a>	4Pr	23	Solid	U/UTP	-	LSZH	Eca	-	1-2	
		<a href="#">7965E</a>	4Pr	23	Solid	U/UTP	-	PVC	Eca	-	1-2	
		<a href="#">2424DD</a>	4Pr	24	Solid	U/UTP	-	LSZH	Dca-s2,d2,a1	-	1-2	
		<a href="#">2424D</a>	4Pr	24	Solid	U/UTP	-	LSZH	Eca	-	1-2	
		<a href="#">7860ENH</a>	4Pr	23	Solid	F/UTP	-	LSZH	Dca-s2,d1,a1	-	1-2	
		<a href="#">5e</a>	<a href="#">1583ENH</a>	4Pr	24	Solid	U/UTP	-	LSZH	Dca-s2,d2,a1	-	1-2
		<a href="#">1583E</a>	4Pr	24	Solid	U/UTP	-	PVC	Eca	-	1-2	
		<a href="#">1633ENH</a>	4Pr	24	Solid	F/UTP	-	LSZH	Dca-s2,d2,a1	-	1-2	
		<a href="#">1868E</a>	4Pr	26	Stranded	U/UTP	-	PVC	-	-	1-2	
		Industrial	6A/7	<a href="#">74004ELV</a>	4Pr	23	Solid	S/FTP	-	LSZH	B2ca-s1,d1,a1	-
<a href="#">74004ELW</a>	4Pr			23	Solid	S/FTP	-	LSZH	Cca-s1,d1,a1	-	1-2	
<a href="#">74004NH</a>	4Pr			23	Solid	S/FTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24	
<a href="#">74004PU</a>	4Pr			23	Solid	S/FTP	-	PUR	-	-	-	
<a href="#">74005PU</a>	4Pr		26	Stranded	S/FTP	-	PUR	-	-	-		
<a href="#">74005NH</a>	4Pr		26	Stranded	S/FTP	-	LSZH	Eca	-	1-2 & 3-24		
<a href="#">5e</a>	<a href="#">74001E</a>		4Pr	24	Solid	SF/UTP	-	PVC	Eca	-	1-2	
Profinet type C&R	6A	<a href="#">50106AHI</a>	4Pr	24	High Strand	SF/FTP	-	PUR	-	AWM 20554	-	
		<a href="#">70010PU</a>	1Q	22	High strand	SF/UTP	-	PE/PUR	-	-	-	
		<a href="#">70008PU</a>	1Q	22	High Strand	SF/UTP	-	PUR	-	-	-	
High Flex (non Profinet)	6A (5e)	<a href="#">74003PU</a>	4Pr	26	High strand	SF/UTP	-	PUR	-	-	-	
		<a href="#">SPE*</a>	<a href="#">74032PU</a>	1Pr	24	High Strand	SFTP	-	PUR	-	-	1-2
Profinet Type A/B	6A/7	<a href="#">74011NH</a>	4Pr	23	Stranded	S/FTP	-	LSZH	Eca	-	1-2	
		<a href="#">5</a>	<a href="#">70006E</a>	1Q	22	Solid	SF/UTP	-	PVC	Eca	-	1-2
		<a href="#">70007E</a>	1Q	22	Stranded	SF/UTP	-	PVC	Eca	-	1-2	
Fire resistant	6	<a href="#">NH50106UFL</a>	4Pr	23	Solid	U/FTP	-	LSZH	-	-	1-2 & 3-22	
		<a href="#">5e</a>	<a href="#">NH50105UFL</a>	4Pr	23	Solid	U/FTP	-	LSZH	-	-	1-2 & 3-22
		<a href="#">NH50105SFA</a>	4Pr	23	Solid	S/FTP	SWA	LSZH	-	-	1-2 & 3-22	
Extreme temperature	6A	<a href="#">IEA003</a>	4Pr	23	Solid	U/UTP	-	FEP	Fca	-	-	

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Ethernet	Cat	Reference <sup>2</sup>	Config.	AWG	Stranding	Shield	Armor	Jacket	CPR	UL	IEC 60332-
Outdoor	6	<a href="#">7953A</a>	4Pr	23	Solid	F/UTP	-	PVC	Eca	CMR;CMX- Outdoor	1-2
	6	<a href="#">7965PE</a>	4Pr	23	Solid	U/UTP	-	PE	-	-	-
	5e	<a href="#">7929A</a>	4Pr	24	Solid	F/UTP	-	PVC	Eca	CMR;CMX- Outdoor	1-2
Direct Burial	6A	<a href="#">OSP6AF</a>	4Pr	24	Solid	U/UTP	-	PE	-	-	-
	6	<a href="#">OSP6U</a>	4Pr	23	Solid	U/UTP	-	PE	Fca	-	-
Rolling Stock	6A/7	<a href="#">BE43802</a>	4Pr	24	Stranded	S/FTP	-	LSZH	-	-	1-2 & 3-25
	Cat5e	<a href="#">BE43769</a>	1Q	22	Stranded	SF/UTP	-	LSZH	-	-	1-2 & 3-25
	SPE*	<a href="#">BE43910</a>	1Pr	24	Stranded	SFTP	-	LSZH	-	-	1-2, 3-22, 3-25
Shipboard	7	<a href="#">50007TSF</a>	4Pr	23	Stranded	S/FTP	-	LSZH	-	-	1-2&3-22
	6A	<a href="#">10GXV92</a>	4Pr	23	Solid	S/FTP	-	LSZH	B2ca-s1a,d1,a1	-	-
	SPE*	<a href="#">BE46830</a>	1Pr	22	Stranded	SFTP	-	LSZH	-	-	1-2 & 3A

\*SPE 40m 1Gb/s



## Fieldbus & Low Capacitance Cables

Family and product series selector for main bus protocols

Protocol	Applications Examples	Relevant Bus Standard and Impedance	Family	Advised Product Series
Modbus RTU	Remote terminal unit, PLCs, Energy management	EIA TIA RS-485 (120Ω)	RS 485	9842xx 3107xx
CANopen	Machinery, Medical, Motor control	EIA TIA RS-485 (120Ω)		
BACnet MS/TP	Supervisory and programmable controllers	EIA TIA RS-485 (120Ω) for Token Passing	RS-232	9501xx
		EIA TIA RS-232 for Point to Point		
Profibus DP	Discrete sensor actuators	Profibus DP (150Ω)	Profibus DP	3079xx
Profibus PA	Control systems	IEC 61158-2 (100Ω)	Profibus PA / Foundation fieldbus	3076xx
Foundation fieldbus	Field instrumentation	IEC 61158-2 (100Ω)		
KNX	Systems networking in Building	KNX TP1	KNX	77906xx
LonWorks	Building systems control	LonWorks	LonWorks	8471xx
DMX 512	Light Control	RS-485 (120Ω) or RS-422 (100Ω) or category cables (Cat5e or more)	RS-422	9841**, 9842xx



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RS-485	Reference <sup>2</sup>	Config.	AWG	Stranding	Shield	Armor	Jacket	CPR Euroclass	NEC (UL)	IEC 60332-
General Use	<a href="#">9841LV</a>	1Pr	24	Stranded	SF/UTP	-	LSZH	B2ca-s1,d1,a1	-	1-2
	<a href="#">9841LW</a>	1Pr	24	Stranded	SF/UTP	-	LSZH	Cca-s1,d1,a1	-	1-2
	<a href="#">9841NH</a>	1Pr	24	Stranded	SF/UTP	-	LSZH	Dca-s2,d1,a1	-	3-4 & 3-22
	<a href="#">9841ZH</a>	1Pr	24	Stranded	SF/UTP	-	LSZH	Eca	CMG	-
	<a href="#">9841</a>	1Pr	24	Stranded	SF/UTP	-	PVC	Eca	CM	1-2
	<a href="#">9842LV</a>	2Pr	24	Stranded	SF/UTP	-	LSZH	B2ca-s1a,d1,a1	-	1-2
	<a href="#">9842LW</a>	2Pr	24	Stranded	SF/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2
	<a href="#">9842NH</a>	2Pr	24	Stranded	SF/UTP	-	LSZH	Dca-s2,d2,a1	-	1-2 & 3-24
	<a href="#">9842</a>	2Pr	24	Stranded	SF/UTP	-	PVC	Eca	CM	1-2
Oil Res, Sun Res	<a href="#">3105A</a>	1Pr	22	Stranded	SF/UTP	-	PVC	Eca	CM, PLTC	1-2
	<a href="#">3106A</a>	1.5 Pr	22	Stranded	SF/UTP	-	PVC	Eca	CM, PLTC	1-2
	<a href="#">3107ELV</a>	2Pr	22	Stranded	SF/UTP	-	LSZH	B2ca-s1,d1,a1	-	1-2
	<a href="#">3107ELW</a>	2Pr	22	Stranded	SF/UTP	-	LSZH	Cca-s1,d1,a1	-	1-2
	<a href="#">3107ENH</a>	2Pr	22	Stranded	SF/UTP	-	LSZH	Eca	-	1-2
	<a href="#">3107A</a>	2Pr	22	Stranded	SF/UTP	-	PVC	Eca	CM, PLTC	1-2
Armored	<a href="#">9841LS</a>	1Pr	24	Stranded	SF/UTP	SWA	LSZH	Eca	-	3-4 & 3-22
	<a href="#">9842LVS</a>	2Pr	24	Stranded	SF/UTP	SWA	LSZH	B2ca-s1,d1,a1	-	1-2 & 3-24
	<a href="#">9842LS</a>	2Pr	24	Stranded	SF/UTP	SWA	LSZH	Eca	-	1-2 & 3-24
RS-422/232	Reference <sup>2</sup>	Config.	AWG	Stranding	Shield	Armor	Jacket	CPR	NEC (UL)	IEC 60332-
General Use	<a href="#">8102NH</a>	2Pr	24	Stranded	SF/UTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24
	<a href="#">8102</a>	2Pr	24	Stranded	SF/UTP	-	PVC	Eca	CM	1-2
	<a href="#">9729ELW</a>	2Pr	24	Stranded	U/FTP	-	LSZH	Cca-s1,d1,a1	-	1-2
	<a href="#">9729NH</a>	2Pr	24	Stranded	U/FTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24
	<a href="#">9729</a>	2Pr	24	Stranded	U/FTP	-	PVC	Eca	CM	1-2
	<a href="#">8103</a>	3Pr	24	Stranded	SF/UTP	-	PVC	Eca	CM	1-2
	<a href="#">9730</a>	3Pr	24	Stranded	U/FTP	-	PVC	Eca	CM	1-2
Armored	<a href="#">9729LS</a>	2Pr	24	Stranded	U/FTP	SWA	LSZH	-	-	3-24
RS-232	Reference <sup>2</sup>	Config.	AWG	Stranding	Shield	Armor	Jacket	CPR	NEC (UL)	IEC 60332-
General Use	<a href="#">9501NH</a>	1Pr	24	Stranded	F/UTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24
	<a href="#">9501</a>	1Pr	24	Stranded	F/UTP	-	PVC	Eca	CMG	1-2
	<a href="#">9502NH</a>	2Pr	24	Stranded	F/UTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24
	<a href="#">9502</a>	2Pr	24	Stranded	F/UTP	-	PVC	Eca	CMG	1-2
	<a href="#">9503</a>	3Pr	24	Stranded	F/UTP	-	PVC	Eca	CMG	1-2
	<a href="#">9503NH</a>	3Pr	24	Stranded	F/UTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24
	<a href="#">9504</a>	4Pr	24	Stranded	F/UTP	-	PVC	Eca	CMG	1-2
	<a href="#">9504NH</a>	4Pr	24	Stranded	F/UTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24
Armored	<a href="#">9502LS</a>	2Pr	24	Stranded	F/UTP	SWA	LSZH	-	-	3-24
Profibus DP	Reference <sup>2</sup>	#Pair	AWG	Stranding	Shield	Armor	Jacket	CPR	UL	IEC 60332-
Industrial use	<a href="#">3079A</a>	1Pr	22	Stranded	SF/UTP	-	PVC	Eca	CMG, PLTC	1-2
	<a href="#">3079ANH</a>	1Pr	22	Stranded	SF/UTP	-	LSZH	Eca	-	1-2 & 3-24
Armored	<a href="#">3079ALS</a>	1Pr	22	Stranded	SF/UTP	SWA	LSZH	Eca	-	1-2 & 3-24
Foundation Fieldbus / Profibus PA	Reference	#Pair	AWG	Stranding	Shield	Armor	Jacket	CPR	UL	IEC 60332-
Industrial use	<a href="#">3076F</a>	1Pr	18	Stranded	F/UTP	-	PVC	Eca	CM, CMX-Outdoor, ITC-ER, PLTC-ER	1-2
	<a href="#">3076ENH</a>	1Pr	18	Stranded	F/UTP	-	LSZH	Eca	-	1-2 & 3-24
Armored	<a href="#">3076ELS</a>	1Pr	18	Stranded	F/UTP	SWA	LSZH	Eca	-	1-2 & 3-24

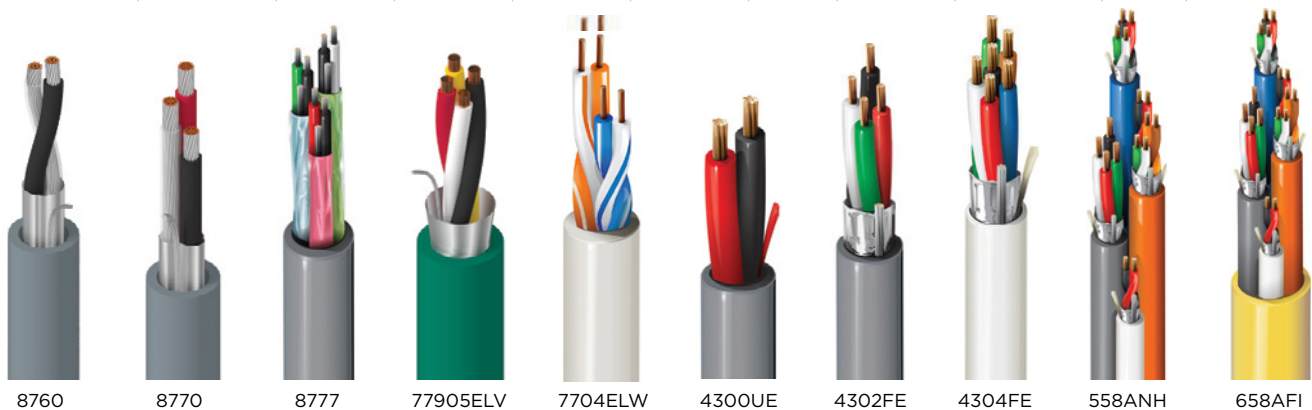
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Classics	Reference <sup>2</sup>	Config.	AWG	Stranding	Shield	Armor	Jacket	CPR	UL	IEC 60332-
General Use	<a href="#">8762ELV</a>	1Pr	20	Stranded	F/UTP	-	LSZH	B2ca-s1,d1,a1	-	1-2
	<a href="#">8762ELW</a>	1Pr	20	Stranded	F/UTP	-	LSZH	Cca-s1,d1,a1	-	1-2
	<a href="#">8762NH</a>	1Pr	20	Stranded	F/UTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24
	<a href="#">8762</a>	1Pr	20	Stranded	F/UTP	-	PVC	Eca	CM	1-2
	<a href="#">8761NH</a>	1Pr	22	Stranded	F/UTP	-	LSZH	Dca-s2,d1,a1	-	1-2 & 3-24
	<a href="#">8761</a>	1Pr	22	Stranded	F/UTP	-	PVC	Eca	CM	1-2
	<a href="#">8760ELV</a>	1Pr	18	Stranded	F/UTP	-	LSZH	B2ca-s1,d1,a1	-	1-2
	<a href="#">8760ELW</a>	1Pr	18	Stranded	F/UTP	-	LSZH	Cca-s1,d1,a1	-	1-2
	<a href="#">8760NH</a>	1Pr	18	Stranded	F/UTP	-	LSZH	Dca-s1,d1,a1	CMG	1-2 & 3-24
	<a href="#">8760</a>	1Pr	18	Stranded	F/UTP	-	PVC	Eca	CM	1-2
	<a href="#">8719ELW</a>	1Pr	16	Stranded	F/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2
	<a href="#">8719NH</a>	1Pr	16	Stranded	F/UTP	-	LSZH	Dca-s2,d1,a1	CMG	-
	<a href="#">8719</a>	1Pr	16	Stranded	F/UTP	-	PVC	Eca	CM;CL2	1-2
	<a href="#">8770ELW</a>	1Tr/3C	18	Stranded	F/UTP	-	LSZH	Cca-s1,d1,a1	-	-
	<a href="#">8770NH</a>	1Tr/3C	18	Stranded	F/UTP	-	LSZH	Dca-s1,d1,a1	CMG	-
	<a href="#">8770</a>	1Tr/3C	18	Stranded	F/UTP	-	PVC	Eca	CM	1-2
	<a href="#">8723LW</a>	2Pr	22	Stranded	U/FTP	-	LSZH	Cca-s1a,d1,a1	-	1-2
	<a href="#">8723NH</a>	2Pr	22	Stranded	U/FTP	-	LSZH	Dca-s2,d1,a1	-	1-2 & 3-24
	<a href="#">8723</a>	2Pr	22	Stranded	U/FTP	-	PVC	Eca	CM	1-2
	<a href="#">8777ELW</a>	3Pr	22	Stranded	U/FTP	-	LSZH	Cca-s1,d1,a1	-	1-2
<a href="#">8777NH</a>	3Pr	22	Stranded	U/FTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24	
<a href="#">8777</a>	3Pr	22	Stranded	U/FTP	-	PVC	Eca	CM	1-2	
Armored	<a href="#">8760LS</a>	1Pr	18	Stranded	F/UTP	SWA	LSZH	-	-	3-24
	<a href="#">8719LWS</a>	1Pr	16	Stranded	U/FTP	SWA	LSZH	Cca-s1,d2,a1	-	1-2 & 3-24
	<a href="#">8719LS</a>	1Pr	16	Stranded	U/FTP	SWA	LSZH	Eca	-	1-2 & 3-24
	<a href="#">8471LS</a>	1Pr	16	Stranded	U/UTP	SWA	LSZH	-	-	3-24
	<a href="#">8723LS</a>	2Pr	22	Stranded	U/FTP	SWA	LSZH	-	-	3-24
	<a href="#">8777LS</a>	3Pr	22	Stranded	U/FTP	SWA	LSZH	-	-	1-2 & 3-24

KNX	Reference <sup>2</sup>	Config.	Cross section	Stranding	Shield	Armor	Jacket	CPR	UL	IEC 60332-
General Use	<a href="#">77905ELV</a>	1Pr	0.5 mm <sup>2</sup>	Solid	F/UTP	-	LSZH	B2ca-s1,d1,a1	-	1-2
	<a href="#">77905ELW</a>	1Pr	0.5 mm <sup>2</sup>	Solid	F/UTP	-	LSZH	Cca-s1,d1,a1	-	1-2
	<a href="#">YE00905</a>	1Pr	0.5 mm <sup>2</sup>	Solid	F/UTP	-	LSZH	Eca	-	1-2
	<a href="#">YE00819</a>	1Pr	0.5 mm <sup>2</sup>	Solid	F/UTP	-	PVC	Eca	-	1-2
	<a href="#">77906ELV</a>	2Pr	0.5 mm <sup>2</sup>	Solid	F/UTP	-	LSZH	B2ca-s1,d1,a1	-	1-2 & 3-24
	<a href="#">77906ELW</a>	2Pr	0.5 mm <sup>2</sup>	Solid	F/UTP	-	LSZH	Cca-s1,d1,a1	-	1-2 & 3-24
	<a href="#">YE00906</a>	2Pr	0.5 mm <sup>2</sup>	Solid	F/UTP	-	LSZH	Eca	-	1-2
	<a href="#">YE00820</a>	2Pr	0.5 mm <sup>2</sup>	Solid	F/UTP	-	PVC	Eca	-	1-2



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Lonworks	Reference <sup>2</sup>	Config.	AWG	Stranding	Shield	Armor	Jacket	CPR	UL	IEC 60332-
General use	<a href="#">8471ELV</a>	1Pr	16	Stranded	U/UTP	-	LSZH	B2ca-s1,d1,a1	-	1-2
	<b><a href="#">8471ELW</a></b>	1Pr	16	Stranded	U/UTP	-	LSZH	Cca-s1,d1,a1	-	1-2
	<b><a href="#">8471</a></b>	1Pr	16	Stranded	U/UTP	-	PVC	Eca	CMG, CL3	1-2
	<a href="#">7703NH</a>	1Pr	22	Solid	F/UTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24
	<a href="#">7701ELW</a>	1Pr	22	Solid	U/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2
	<a href="#">7701NH</a>	1Pr	22	Solid	U/UTP	-	LSZH	Dca-s2,d1,a1	-	1-2 & 3-24
	<a href="#">7704ELW</a>	2Pr	22	Solid	F/UTP	-	LSZH	Cca-s1,d1,a1	-	1-2
	<a href="#">7704NH</a>	2Pr	22	Solid	F/UTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24
	<a href="#">7702NH</a>	2Pr	22	Solid	U/UTP	-	LSZH	Dca-s1,d1,a1	-	1-2 & 3-24

NewGen	Reference <sup>2</sup>	Config.	AWG	Stranding	Shield	Armor	Jacket	CPR	UL	IEC 60332-
General Use	<a href="#">5500FE</a>	2C/1PR	22	Stranded	F/UTP	-	PVC	Eca	CMR	1-2
	<a href="#">4500FLW</a>	2C/1PR	22	Stranded	F/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2
	<a href="#">4500FE</a>	2C/1PR	22	Stranded	F/UTP	-	LSZH	Eca	-	1-2
	<a href="#">5300FE</a>	2C/1PR	18	Stranded	F/UTP	-	PVC	Eca	CMR	1-2
	<a href="#">4300FE</a>	2C/1PR	18	Stranded	F/UTP	-	LSZH	Eca	-	1-2
	<a href="#">5300UE</a>	2C/1PR	18	Stranded	U/UTP	-	PVC	Eca	CMR	1-2
	<a href="#">4300ULW</a>	2C/1PR	18	Stranded	U/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2
	<a href="#">4300UE</a>	2C/1PR	18	Stranded	U/UTP	-	LSZH	Eca	-	1-2
	<a href="#">5200FE</a>	2C/1PR	16	Stranded	F/UTP	-	PVC	Eca	CMR	1-2
	<a href="#">4200FE</a>	2C/1PR	16	Stranded	F/UTP	-	LSZH	Eca	-	1-2
	<a href="#">5200UE</a>	2C/1PR	16	Stranded	U/UTP	-	PVC	Eca	CMR	1-2
	<a href="#">4200ULW</a>	2C/1PR	16	Stranded	U/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2
	<a href="#">4200UE</a>	2C/1PR	16	Stranded	U/UTP	-	LSZH	Eca	-	1-2
	<a href="#">5302FE</a>	4C/1Q	18	Stranded	F/UTP	-	PVC	Eca	CMR	1-2
	<a href="#">4302FLW</a>	4C/1Q	18	Stranded	F/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2
	<a href="#">4302FE</a>	4C/1Q	18	Stranded	F/UTP	-	LSZH	Eca	-	1-2
	<a href="#">4302FE</a>	4C/1Q	18	Stranded	U/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2
	<a href="#">4502FLW</a>	4C/1Q	22	Stranded	F/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2
	<a href="#">4502FE</a>	4C/1Q	22	Stranded	F/UTP	-	LSZH	Eca	-	1-2
	<a href="#">5502FE</a>	4C/1Q	22	Stranded	F/UTP	-	PVC	Eca	CMR	1-2
	<a href="#">5304FE</a>	6C	18	Stranded	F/UTP	-	PVC	Eca	CMR	1-2
	<a href="#">4304FLW</a>	6C	18	Stranded	F/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2
	<a href="#">4304FE</a>	6C	18	Stranded	F/UTP	-	LSZH	Eca	-	1-2
	<a href="#">4504FLW</a>	6C	22	Stranded	F/UTP	-	LSZH	Cca-s1a,d1,a1	-	1-2

Access control	Reference <sup>2</sup>	Card reader	Door Contact	REX/Spare	Lock Power	Inner/Outer Jacket	CPR	UL	IEC 60332-
General Use	<a href="#">558ALW</a>	3Pr #22	2C #22	4C #22	4C #18	LSZH Banana Peel®	Cca-s1,d1,a1	CMG-LS	1-2
	<a href="#">558ALY</a>	3Pr #22	2C #22	4C #22	4C #18	LSZH Banana Peel®	Dca-1s,d1,a1	CMG-LS	1-2
	<a href="#">558ANH</a>	3Pr #22	2C #22	4C #22	4C #18	LSZH Banana Peel®	Eca	CMG-LS	1-2
	<a href="#">658AFS</a>	3Pr #22	2C #22	4C #22	4C #18	PVC Banana Peel®	Eca	CMP	1-2
	<a href="#">658AFJ</a>	3Pr #22	2C #22	4C #22	4C #18	PVC Overall	Eca	CMP	1-2

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