

Bus system CC-Link • Fixed / continuous flexing application

Q. 

## **UNITRONIC® BUS CC**

nfo		LAPP KABEL STUTTGART	UNITRONIC <sup>®</sup> BUS CC			CTREE T
<ul> <li>Lapp Kabel is a regular member of the user organisation CC-Link Partner Association (CLPA), Japan.</li> </ul>		Product features     Transmission rate in relation to the distance     156 kbit/s 1.200 m		Technical data		
2fit		625 kbit/s 600 m 2,5 Mbit/s 200 m 5,0 Mbit/s 110-150 m 10 Mbit/s 50-100 m • Flame-retardant according	to CSA FT4	etim	ETIM 5.0/6.0 CI	ass-ID: EC000830 ass-Description:
<ul> <li>Benefits</li> <li>The CC-Link® system was developed by Mitsubishi Electric Automation, Japan.</li> <li>This CC-Link® bus cable has successfully passed the CC-Link® Conformance Test in Japan.</li> <li>Application range</li> <li>CC-Link® (Control &amp; Communication Link) = field bus network, for both control as well as information data to provide efficient, integrated factory and process</li> </ul>		<ul> <li>UL Vertical-Tray Flame Test</li> <li>SUN RES acc. to UL 1581</li> <li>Norm references / Approvals</li> <li>CM UL/CSA certification 75°C or PLTC Sun Res</li> <li>Product Make-up</li> <li>Bare stranded copper wires</li> <li>Core insulation: PE</li> <li>Overall screening of braided tinned-copper</li> </ul>		$\begin{tabular}{ c c c c } \hline Conductor resistance \\ 11 $\Omega/$1,000 ft. (305 m) at 20°C \\ \hline 11 $\Omega/$1,000 ft. (305 m) at 20°C \\ \hline Minimum bending radius \\ Fixed installation: 5 x outer diameter \\ Flexing: 8 x outer diameter \\ \hline Flexing: 8 x outer diameter \\ \hline 10 $\Omega$ to the set of the set$		
						<ul><li>automation.</li><li>Fixed installation</li></ul>
Article number	Article designation	Number of cores and AWG size	Outer diameter [mn	n]	Copper index (kg/km)	Weight (kg/km)
2170360	C UNITRONIC <sup>®</sup> BUS CC	3 x 1 x AWG20	7.7		38.8	76.6
opper price basis: EUR ease find our standard	150/100 kg. Refer to catalogue app lengths at: www.lappkabel.de/en/c	endix T17 for the definition and calculation able-standardlengths / CC-Link® is a rej ent detailed images of the respective produ	gistered trademark of CC-Li ucts. UNITR	ges. nk Partn	C <sup>®</sup> BUS C	(CLPA)
opper price basis: EUR ease find our standard notographs and graphic FNL® CCC	150/100 kg. Refer to catalogue app lengths at: www.lappkabel.de/en/c	endix T17 for the definition and calculation able-standardlengths / CC-Link® is a rep ent detailed images of the respective produced CO	of copper-related surcharg gistered trademark of CC-Li ucts. <b>UNITR</b> C-Link bus cable for	nk Partn <b>ONI</b> or hig	C <sup>®</sup> BUS C	进 🛑 🤣 C FD P FRNC
Copper price basis: EUR lease find our standard whotographs and graphic COPA COPACIENT Info	150/100 kg. Refer to catalogue app lengths at: www.lappkabel.de/en/c is are not to scale and do not repres	endix T17 for the definition and calculation able-standardlengths / CC-Link <sup>®</sup> is a re- ent detailed images of the respective produ- CLAPP KABEL STUTIGART	of copper-related surcharg gistered trademark of CC-Li ucts. <b>UNITR</b> C-Link bus cable for	or hig	C <sup>®</sup> BUS C h fleible applic	进 🛑 🤣 C FD P FRNC
Copper price basis: EUR lease find our standard Photographs and graphic CON® CON Info - Lapp Kabel is a	150/100 kg. Refer to catalogue app lengths at: www.lappkabel.de/en/c is are not to scale and do not repres	endix T17 for the definition and calculation able-standardlengths / CC-Link® is a rep ent detailed images of the respective produced CO	of copper-related surcharg gistered trademark of CC-Li ucts. UNITRONIC <sup>®</sup> BUS CC	or hig FD P Tech	C® BUS C h fleible applic h fleible appl	C FD P FRNC ations - UL-verified
opper price basis: EUR lease find our standard hotographs and graphic <b>Info</b> • Lapp Kabel is a the user organi Association (CL Benefits	150/100 kg. Refer to catalogue app lengths at: www.lappkabel.de/en/c is are not to scale and do not repres regular member of sation CC-Link Partner .PA), Japan.	endix T17 for the definition and calculation able-standardlengths / CC-Link® is a reg ent detailed images of the respective produce <b>LAPP KABEL STUTIGART</b> <b>Product features</b> • Transmission rate in relation • 156 kbit/s 1.200 m 625 kbit/s 100 m 2,5 Mbit/s 200 m 5,0 Mbit/s 110-150 m 10 Mbit/s 50-100 m	In of copper-related surcharg gistered trademark of CC-Li Jucts. C-Link bus cable for UNITRONIC <sup>®</sup> BUS CC	es. nk Partn Or hig FD P Tech €TIM	C <sup>®</sup> BUS C h fleible applic h fleible applic <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b>	C FD P FRNC ations - UL-verified
Copper price basis: EUR Vease find our standard Photographs and graphic CON CON Lapp Kabel is a the user organi Association (CL Benefits The CC-Link® sys	150/100 kg. Refer to catalogue app lengths at: www.lappkabel.de/en/c is are not to scale and do not repres	endix T17 for the definition and calculation able-standardlengths / CC-Link® is a rej ent detailed images of the respective produ- comparison of the respective produ- comparison rate in relation • Transmission rate in relation • 156 kbit/s 1.200 m 625 kbit/s 100 m 2,5 Mbit/s 100 m 5,0 Mbit/s 110-150 m 10 Mbit/s 50-100 m • Halogen-free	In of copper-related surcharg gistered trademark of CC-Li ucts. C-Link bus cable for UNITRONIC <sup>®</sup> BUS CC UNITRONIC <sup>®</sup> BUS CC In to the distance	es. nk Partn Or hig FD P Tech €TIM	C <sup>®</sup> BUS C h fleible applic h fleible applic <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b>	C FD P FRNC ations - UL-verified ass-ID: EC000830 ass-Description: 0233 voltage stance
Copper price basis: EUR lease find our standard thotographs and graphic COMP COMP CONTRACT Info Lapp Kabel is a the user organi Association (CL Benefits The CC-Link® sys Mitsubishi Electr Application rang	150/100 kg. Refer to catalogue app lengths at: www.lappkabel.de/en/c is are not to scale and do not repres	endix T17 for the definition and calculation able-standardlengths / CC-Link® is a rej ent detailed images of the respective produ- CC LAPP KABEL STUTIGART ( Product features • Transmission rate in relation • 156 kbit/s 1.200 m 625 kbit/s 600 m 2,5 Mbit/s 100 m 5,0 Mbit/s 110-150 m 10 Mbit/s 50-100 m • Halogen-free • Flame-retardant according Norm references / Appro	In of copper-related surcharg gistered trademark of CC-Li ucts. C-Link bus cable for UNITRONIC <sup>®</sup> BUS CC UNITRONIC <sup>®</sup> BUS CC In to the distance	es. nk Partn Or hig FD P Tech €TIM	C <sup>®</sup> BUS C h fleible applic h fleible a	C FD P FRNC ations - UL-verified ass-ID: EC000830 ass-Description: 0233 voltage stance 305 m) at 20°C ing radius
Copper price basis: EUR lease find our standard thotographs and graphic COPAN COPAN Info Lapp Kabel is a the user organi Association (CL Benefits The CC-Link® sys Mitsubishi Electr Application rang CC-Link® (Contro Link) = field bus as well as inform efficient, integra automation.	150/100 kg. Refer to catalogue app lengths at: www.lappkabel.de/en/c is are not to scale and do not repres	endix T17 for the definition and calculation able-standardlengths / CC-Link® is a reg ent detailed images of the respective produce <b>Product features</b> • Transmission rate in relation • 156 kbit/s 1.200 m • 625 kbit/s 600 m 2,5 Mbit/s 200 m 5,0 Mbit/s 110-150 m 10 Mbit/s 50-100 m • Halogen-free • Flame-retardant according <b>Norm references / Appro</b> • AWM 20233 80 °C 300V <b>Product Make-up</b> • Bare stranded copper wire • Core insulation: PE • Inner sheath: FRNC • Overall screening of braide strands	In the distance of timed-copper labels of tim	tes. nk Partn or hig or hig FD P Tech €TIM VDE € TM E C C C C C C C C C C C C C	C* BUS C h fleible applie c* BUS C h fleible applie case of the second mical data Cassifications UL AWM Style 2 Peak operating 300 V Conductor resi 11 $\Omega/1,000$ ft. ( Minimum bend Fixed installation Moved: 10 x out Test voltage 2000 V Characteristic 110 $\Omega$ at 1 MHz	C FD P FRNC ations - UL-verified C FD P FRNC ass-ID: EC000830 ass-Description: 0233 voltage stance 305 m) at 20°C ing radius n: 4 x outer diameter er diameter
Copper price basis: EUR Vease find our standard Photographs and graphic CON CON CON CON CON CON CON CON	150/100 kg. Refer to catalogue app lengths at: www.lappkabel.de/en/c is are not to scale and do not repres	endix T17 for the definition and calculation able-standardlengths / CC-Link® is a reg ent detailed images of the respective produce <b>Product features</b> • Transmission rate in relation • 156 kbit/s 1.200 m 625 kbit/s 600 m 2,5 Mbit/s 200 m 5,0 Mbit/s 110-150 m 10 Mbit/s 50-100 m • Halogen-free • Flame-retardant according <b>Norm references / Appro</b> • AWM 20233 80 °C 300V <b>Product Make-up</b> • Bare stranded copper wire • Core insulation: PE • Inner sheath: FRNC • Overall screening of braide	In the distance of timed-copper labels of tim	tes. nk Partn ONI or hig FD P Tech €TIM €TIM €TIM €TIM €TIM	C R BUS C h fleible applie h fleible applie mical data Classification E ETIM 5.0/6.0 Cl ETIM 5.0/6.0 Cl Data cable Certifications UL AWM Style 2 Peak operating 300 V Conductor resi 11 Ω/1,000 ft. ( Minimum bend Fixed installation Moved: 10 x out Test voltage 2000 V Characteristic	C FD P FRNC ations - UL-verified ass-ID: EC000830 ass-Description: 0233 voltage stance 305 m) at 20°C ing radius n: 4 × outer diameter er diameter impedance
Copper price basis: EUR Vease find our standard Photographs and graphic CON CON CON CON CON CON CON CON	150/100 kg. Refer to catalogue app lengths at: www.lappkabel.de/en/c is are not to scale and do not repres	endix T17 for the definition and calculation able-standardlengths / CC-Link® is a reg ent detailed images of the respective produce <b>Product features</b> • Transmission rate in relation • 156 kbit/s 1.200 m • 625 kbit/s 600 m 2,5 Mbit/s 200 m 5,0 Mbit/s 110-150 m 10 Mbit/s 50-100 m • Halogen-free • Flame-retardant according <b>Norm references / Appro</b> • AWM 20233 80 °C 300V <b>Product Make-up</b> • Bare stranded copper wire • Core insulation: PE • Inner sheath: FRNC • Overall screening of braide strands	In the distance of the distanc	es. nk Partn or hig FD P Tech ETIM DINE C C C C C C C C C C C C C	C R BUS C h fleible applie h S.0/6.0 Cl ETIM 5.0/6.0 Cl Data cable Certifications UL AWM Style 2 Peak operating 300 V Conductor resi 11 Ω/1,000 ft. ( Minimum bend Fixed installation Moved: 10 x out Test voltage 2000 V Characteristic 110 Ω at 1 MHz Temperature ra	C FD P FRNC ations - UL-verified ass-ID: EC000830 ass-Description: 0233 voltage stance 305 m) at 20°C ing radius n: 4 × outer diameter er diameter impedance

ÖLFLEX®

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