

UNITRONIC® BUS CC-Link FD

For CC-Link bus systems; continuous flex applications; 110 Ω

LAPP KABEL STUTTGART UNITRONIC® BUS CC-Link FD



UNITRONIC® BUS CC-Link FD is a continuous flex cable for field bus networks for both control and information data to provide efficient integrated factory and process automation.

Construction

Conductors: stranded bare copper

Insulation: polyethylene

Shielding: tinned copper braid

Inner jacket: FRNC

Outer jacket: polyurethane; red

Recommended applications

Continuous flex applications like cable tracks and moving machine parts

Application advantage

- Signal integrity in high-EMC applications
- Passes the CC-Link conformance test in Japan
- Flame- and oil-resistant halogen-free jacket
- Flexible for ease of routing

Approvals



Cable attributes		page 648	
OIL	OR-04	FLAME	FR-02
MOTION	CF-02	MECH.	MP-05

Complete the installation	
SKINTOP® MS-SC page 522	EPIC® connectors page 284

ÖLFLEX® CONNECT solution	
ÖLFLEX® CONNECT CABLES page 605	

Technical data

Minimum bend radius: - for stationary use: 4 x cable diameter - for continuous flexing: 8 x cable diameter	Characteristic impedance: 110 Ω ± 15 Ω
Temperature range: -40°C to +80°C	Nominal capacitance: 18 pF/ft
Nominal voltage: 300V	Color code: white, blue, yellow
Test voltage: 2000V	Approvals: UL: AWM 20233 Attributes: NFPA 79 Additional: CC-Link RoHS

Part Number	Conductor description	Nominal outer diameter		Copper weight lbs./mft	Approx. weight lbs./mft	SKINTOP® MS-SC PG thread
		in	mm			
2170370	20 AWG/3c	0.335	8.5	27	56	53112220