

# UNITRONIC® BUS CC-Link FD

For CC-Link Bus Systems; Continuous Flex Applications; 110 Ω



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 640	
OIL	OR-04	FLAME	FR-02
MOTION	CF-02	MECH.	MP-05

Complete the Installation	
SKINTOP® MS-SC page 516	EPIC® Connectors page 280

ÖLFLEX® CONNECT Solution	
	ÖLFLEX® CONNECT CABLES page 597

## Technical Data

<b>Minimum Bend Radius:</b> - for stationary use: 4 x cable diameter - for continuous flexing: 8 x cable diameter	<b>Characteristic Impedance:</b> 110 Ω ± 15 Ω
<b>Temperature Range:</b> -40°C to +80°C	<b>Nominal Capacitance:</b> 18 pF/ft
<b>Nominal Voltage:</b> 300V	<b>Color Code:</b> White, blue, yellow
<b>Test Voltage:</b> 2000V	<b>Approvals:</b> UL: AWM 20233 Attributes: NFPA 79 Additional: CC-Link RoHS

Part Number	Conductor Description (AWG/Conductor)	Nominal Outer Diameter (in) (mm)		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® MS-SC PG Thread
2170370	20 AWG/3c	0.335	8.5	27	56	53112220

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available; please see our SKINTOP® section. If not otherwise specified, all values relating to the product are nominal values. Photographs are not to scale and are not true representations of the products in question. For current information go to our website.