

# Specification

Fixed wiring cable for  
CC-Link Ver.1.10  
(UL listed product)  
Type:FANC-110SBH/CM

mitsubishi electric  
system & service co., ltd.

Note

Revision								Drawn	Check	Design	Approved
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Send to								Date		Dwg	
							15 Dec.,2020		X903703D50043-E00		
							Order				

## 1. SCOPE

This is specification which fixed wiring cable for CC-Link Ver.1.10.

• FANC-110SBH/CM

\* The products described in this specification comply with the European RoHS2 directive.

## 2. APPLICABLE STANDARDS

UL 444(CM)

CSA C22.2 No.214(CM)

## 3. SPECIFICATIONS

Item		Unit	Specification
Number of insulated core wires		—	3
Conductor	Material	—	Annealed copper stranded wire for electricity
	Conductor size	AWG	20
	Outer diameter	mm	Approx.0.96
Insulation	Material	—	Polyethylene foamed
	Outer diameter	mm	Approx.2.36
Filler	Material	—	Polyethylene string
Stranding	Construction	—	See the structural drawing
Tape	Material	—	Aluminum-polyester laminated
Shield	Material	—	Tin coated annealed copper braid
Grounding wire	Material	—	Tin coated annealed copper (Insert non-stranded wire vertically)
Sheath	Material	—	Oil resistant polyvinyl chloride
	Color*1	-	Brown, ivory, yellow, blue
Overall diameter		mm	Approx.7.6
Approximate weight		kg/km	75
Electrical characteristics			
Conductor resistance (at20℃)		Ω/km	Under 34.5
Insulation resistance		MΩ・km	Over 10000
Withstand voltage		V for 1 minute	AC 2000
Characteristic impedance	1MHz	Ω	110±15
	5MHz	Ω	110±6
Incombustibility		-	To comply with UL1685 UL FLAME EXPOSURE (vertical tray fire test)
Operating temperature range		℃	-15 to 75 (to be free from bending, vibration and condensation)
Allowable tensile force		N	49
Minimum bending radius		mm	35

\*1 Specify the sheath color at the time of order.

4. STRUCTURAL DRAWING

