

Specification

Movable wiring cable for
CC-Link Ver1.10
Type:FANC-110SBZ-5

mitsubishi electric
system & service co., ltd.

Note

Revision								Drawn	Check	Design	Approved
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								15 Dec.,2020		X903703D50043-E10	
								Order			

1. SCOPE

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

• FANC-110SBZ-5

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

2. APPLICABLE STANDARDS

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3. SPECIFICATIONS

Item		Unit	Specification
Number of insulated core wires		—	3
Conductor	Material	—	Annealed copper composite stranded wire
	Conductor size	mm ²	0.5
	Outer diameter	mm	Approx.1.1
Insulation	Material	—	Polyethylene
	Outer diameter	mm	Approx.2.7
Stranding	Construction	—	See the structural drawing
Tape	Material	—	paper
Shield	Material	—	Tin coated annealed copper braid
Sheath	Material	—	Oil resistant polyvinyl chloride (Dark brown)
Overall diameter		mm	Approx.8.0
Approximate weight		kg/km	70
Electrical characteristics			
Conductor resistance (at20°C)		Ω/km	Under 43.4
Insulation resistance		MΩ·km	Over 10000
Withstand voltage		V for 1 minute	DC 500
Characteristic impedance	1MHz	Ω	110±15
Operating temperature range		°C	0 to 75 (To be free from condensation)
Allowable tensile force		N	49
Minimum bending radius	Fixed wiring	mm	35
	Movable wiring	mm	60

*The transmittable distance is 50% of the CC-Link Ver.1.10 standard cable.

4. STRUCTURAL DRAWING

