

1. SCOPE

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

• SCC110-HMV-7

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

2. APPLICABLE STANDARDS

UL Subject 758 AWM STYLE 20276

3. SPECIFICATIONS

Item		Unit	Specification
Number of insulated core wires		—	3
Conductor	Material	—	Copper alloy wire
	Conductor size	mm ²	0.5
	Outer diameter	mm	Approx.1.0
Insulation	Material	—	Ethylene tetraflouroethylene copolymer
	Outer diameter	mm	Approx.2.8
Stranding	Construction	—	See the structural drawing
Tape	Material	—	Cu / PET presser roll
Shield	Material	—	Copper alloy wire braid
	Outer diameter	mm	Approx.6.6
Sheath	Material	—	High elasticity PVC (Brown)
Overall diameter		mm	Approx.8.0
Approximate weight		kg/km	83
Electrical characteristics			
Conductor resistance (at20℃)		Ω/km	Under 53.0
Insulation resistance		MΩ・km	Over 2500
Withstand voltage		V for 1 minute	AC 1500
Characteristic impedance	1MHz	Ω	110±10
	5MHz	Ω	110±6
Operating temperature range		℃	-10 to 55 (To be free from condensation)
Allowable tensile force		N	300
Minimum bending radius	Movable wiring	mm	56

*The transmittable distance is 70% of the CC-Link Ver.1.10 standard cable.

4. STRUCTURAL DRAWING

