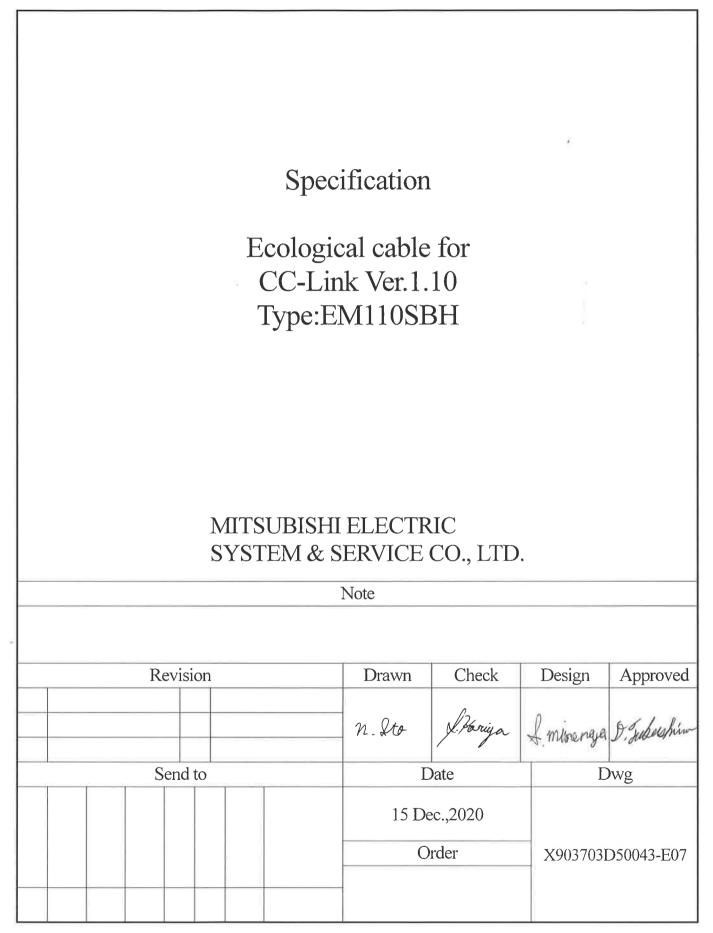
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## 1. SCOPE

This is specification which ecological cable for CC-Link Ver.1.10. • EM110SBH

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

## 2. 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			Flame resistant polyethylene	
			(Brown)	
Overall diameter			mm	Approx.7.6
Approximate weight			kg/km	70
Electrical characteristics				
Conductor resistance (at20°C)			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
Operating temperature range			°C	-15 to 75 (To be free from condensation)
Allowable tensile force			Ν	49
Minimum bending radius			mm	35

## 3. STRUCTURAL DRAWING

