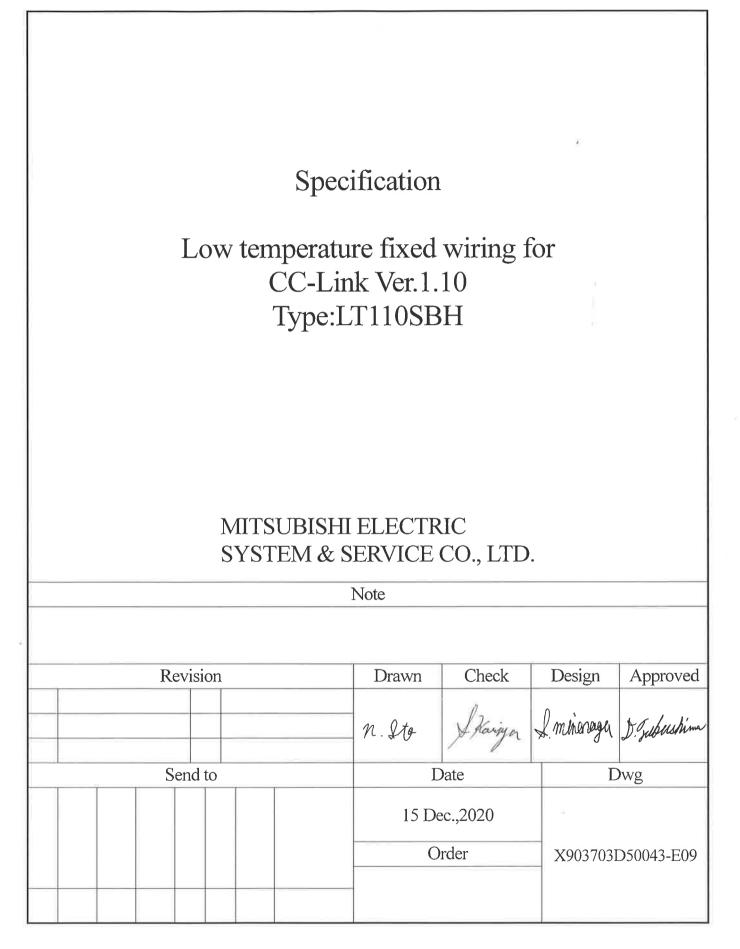
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1. SCOPE

This is specification which low temperature fixed wiring cable for CC-Link Ver.1.10. • LT110SBH

* 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	Material		_	Tin coated annealed copper
wire Sheath	Material			(Insert non-stranded wire vertically) Cold resistant polyvinyl chloride (Black)
Overall diameter				
			mm 1. c./l.r	Approx.7.6
Approximate weight			kg/km	70
Electrical characteristics			Ω/km	Under 34.5
Conductor resistance (at20°C)				
Insulation resistance			MΩ·km	Over 10000
Withstand voltage			V for 1 minute	AC 2000
Characteristic impedance		1MHz 5MHz	Ω Ω	110±15 110±6
Operating temperature range			°C	-40 to 60 (To be free from bending
				vibration and condensation)
Allowable tensile force			N	49
Minimum bending radius			mm	35

3. STRUCTURAL DRAWING

