

Specification

Outdoor piping cable for
CC-Link Ver.1.10
Type:WR110SBH

mitsubishi electric
system & service co., ltd.

Note

| Revision | | | | | | | | Drawn | Check | Design | Approved |
|----------|--|--|--|--|--|--|--------------|-----------|-------------------|-------------|----------|
| | | | | | | | n. Ito | S. Kariya | I. Minenaga | D. Tadokoro | |
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| Send to | | | | | | | | Date | | Dwg | |
| | | | | | | | 15 Dec.,2020 | | X903703D50043-E08 | | |
| | | | | | | | Order | | | | |
| | | | | | | | | | | | |

1. SCOPE

This is specification which outdoor piping cable for CC-Link Ver.1.10.

• WR110SBH

* 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 | — | Polyethylene(Black) |
| Overall diameter | | mm | Approx.8.1 |
| Approximate weight | | kg/km | 70 |
| 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 |
| Operating temperature range | | ℃ | -15 to 75 (To be free from condensation) |
| Allowable tensile force | | N | 49 |
| Minimum bending radius | | mm | 35 |

3. STRUCTURAL DRAWING

