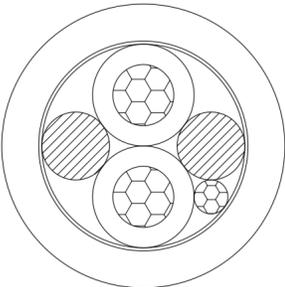


## SPECIFICATION

PCBL-3-EN-005 a/1

|                        |   |                             |                                 |
|------------------------|---|-----------------------------|---------------------------------|
| Wire Name:             | CAN-Bus Cable   | Rated Voltage:              | 300V                            |
| Model:                 | CASPLAST CAN-Bus 125 J1939/11   | Rated Temperature:          | -40~125°C                       |
| Figure No. :           | CCT0213-0012025   | Size:                       | 2C20AWG/0.5mm <sup>2</sup> +FDA |
| Release Date:          | 2026/2/13   | PN:                         | 160902C1556                     |
| Product Diagram        |  |                             |                                 |
|                        | <b>Item</b>   | <b>Standard Requirement</b> | <b>Unit</b>                     |
| Conductor              | Material  | Bare Copper                 | /                               |
|                        | Structure   | 19/0.20                     | No./mm                          |
|                        | O.D.  | 1.0                         | mm                              |
| Insulation             | Material  | FM-XLPE                     | /                               |
|                        | Avg. Thickness  | 0.85                        | mm                              |
|                        | Finished O.D.   | 2.85±0.2                    | mm                              |
|                        | Lay Length  | 45-55                       | mm                              |
|                        | Color   | Yellow,Green                | /                               |
| Filler                 | Material  | PE Filler Strip             | /                               |
| Drain Wire             | Material  | Tinned Copper               | /                               |
|                        | Structure   | 10/0.254                    | No./mm                          |
| Wrapping               | Material  | AL-Mylar                    | /                               |
|                        | Overlap   | 25                          | %                               |
| Jacket                 | Material  | XLPE                        | /                               |
|                        | Avg. Thickness  | 0.76                        | mm                              |
|                        | Finished O.D.   | 7.6±0.5                     | mm                              |
|                        | Color   | Black                       | /                               |
| Electrical Performance | Max. Conductor DC Resistance  | 39                          | Ω/KM                            |
|                        | Finished Wire Voltage Withstand Test  | 2                           | KV/min                          |

|                        |  |        |       |
|------------------------|--|--------|-------|
| Electrical Performance | Breakdown Voltage Spark  | 3      | KV    |
|                        | Characteristic Impedance   | 120±12 | Ω     |
| Mechanical Properties  | Min. Bending Radius  | 4      | xO.D. |
| Print                  | 160902C1556 CASPLAST CANBUS 125 SAE J1939/11-20 125°C CASMO CABLE RoHS BATCH# METER MARK |        |       |
| Note                   | RoHS & REACH Compliant   |        |       |

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