



**VEHICLE DATA CABLE**

ISO 14572

6 orderable sizes

<b>STANDARD</b> <b>ISO 14572</b>	<b>VOLTAGE CLASS</b> <b>Low-voltage vehicle data circuits</b>	<b>TEMPERATURE CLASS</b> <b>-40 °C to +105 °C or specified class</b>
<b>CONDUCTOR</b> <b>Fine stranded copper data conductors</b>	<b>INSULATION / JACKET</b> <b>Flame-retardant PVC sheath (TPU/PUR on request)</b>	<b>CROSS-SECTION RANGE</b> <b>0.13 mm<sup>2</sup> to 1.0 mm<sup>2</sup></b>

**Construction**

- 1 ■ **Conductor (per core)** – 22 AWG / 0.35 mm<sup>2</sup> · 12 × Ø0.2 mm
- 2 ■ **Pair insulation** – Foam PE / cross-linked PE (impedance controlled)
- 3 ■ **Filler** – Bedding / filler
- 4 ■ **Overall screen (OS)** – Al/polyester foil + drain
- 5 ■ **Sheath** – Flame-retardant PVC sheath (TPU/PUR on request)

**Size selection — all available cross-sections**

Cable reference	Pair / core design	Conductor size	Conductor construction	Transmission reference	Shielding / pair protection	Jacket	Temperature class
Automotive CAN Bus Cable 1P x 26 AWG	1P x 26 AWG	26 AWG / 0.13 mm <sup>2</sup>	Fine stranded Cu	120 Ω CAN bus pair	Foil screen or braid screen for data integrity	Flame-retardant PVC sheath (TPU/PUR on request)	-40 °C to +105 °C or specified class
Automotive CAN Bus Cable 1P x 24 AWG	1P x 24 AWG	24 AWG / 0.22 mm <sup>2</sup>	7/0.20	120 Ω CAN bus pair	Foil screen or braid screen for data integrity	Flame-retardant PVC sheath (TPU/PUR on request)	-40 °C to +105 °C or specified class
Automotive CAN Bus Cable 1P x 22 AWG	1P x 22 AWG	22 AWG / 0.35 mm <sup>2</sup>	12/0.20	120 Ω CAN bus pair	Foil screen or braid screen for	Flame-retardant PVC sheath	-40 °C to +105 °C or specified class

Cable reference	Pair / core design	Conductor size	Conductor construction	Transmission reference	Shielding / pair protection	Jacket	Temperature class
					data integrity	(TPU/PUR on request)	
<b>Automotive CAN Bus Cable 1P x 20 AWG</b>	1P x 20 AWG	20 AWG / 0.5 mm <sup>2</sup>	16/0.20	120 Ω CAN bus pair	Foil screen or braid screen for data integrity	Flame-retardant PVC sheath (TPU/PUR on request)	-40 °C to +105 °C or specified class
<b>Automotive CAN Bus Cable 1P x 18 AWG</b>	1P x 18 AWG	18 AWG / 0.75 mm <sup>2</sup>	24/0.20	120 Ω CAN bus pair	Foil screen or braid screen for data integrity	Flame-retardant PVC sheath (TPU/PUR on request)	-40 °C to +105 °C or specified class
<b>Automotive CAN Bus Cable 1P x 17 AWG</b>	1P x 17 AWG	17 AWG / 1.0 mm <sup>2</sup>	32/0.20	120 Ω CAN bus pair	Foil screen or braid screen for data integrity	Flame-retardant PVC sheath (TPU/PUR on request)	-40 °C to +105 °C or specified class

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