



VEHICLE ETHERNET CABLE

ISO 14572

6 orderable sizes

STANDARD ISO 14572	VOLTAGE CLASS Low-voltage vehicle data circuits	TEMPERATURE CLASS -40 °C to +105 °C or specified class
CONDUCTOR Fine stranded copper high-speed data conductors	INSULATION / JACKET PVC sheath (TPU/PUR on request)	CROSS-SECTION RANGE 0.13 mm² to 1.0 mm²

Construction

- 1 ■ **Conductor (per core)** – 22 AWG / 0.35 mm² · 12 × Ø0.2 mm
- 2 ■ **Pair insulation** – Foam PE (impedance controlled)
- 3 ■ **Filler** – Bedding / filler
- 4 ■ **Overall screen (OS)** – Al/polyester foil + drain
- 5 ■ **Sheath** – 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 Ethernet STP Cable 1P x 26 AWG	1P x 26 AWG	26 AWG / 0.13 mm ²	Fine stranded Cu	100 Ω Ethernet pair	Foil or braid screen for high-speed data transmission	PVC sheath (TPU/PUR on request)	-40 °C to +105 °C or specified class
Automotive Ethernet STP Cable 1P x 24 AWG	1P x 24 AWG	24 AWG / 0.22 mm ²	7/0.20	100 Ω Ethernet pair	Foil or braid screen for high-speed data transmission	PVC sheath (TPU/PUR on request)	-40 °C to +105 °C or specified class
Automotive Ethernet STP Cable 1P x 22 AWG	1P x 22 AWG	22 AWG / 0.35 mm ²	12/0.20	100 Ω Ethernet pair	Foil or braid screen for high-speed data transmission	PVC sheath (TPU/PUR on request)	-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
Automotive Ethernet STP Cable 1P x 20 AWG	1P x 20 AWG	20 AWG / 0.5 mm ²	16/0.20	100 Ω Ethernet pair	Foil or braid screen for high-speed data transmission	PVC sheath (TPU/PUR on request)	-40 °C to +105 °C or specified class
Automotive Ethernet STP Cable 1P x 18 AWG	1P x 18 AWG	18 AWG / 0.75 mm ²	24/0.20	100 Ω Ethernet pair	Foil or braid screen for high-speed data transmission	PVC sheath (TPU/PUR on request)	-40 °C to +105 °C or specified class
Automotive Ethernet STP Cable 1P x 17 AWG	1P x 17 AWG	17 AWG / 1.0 mm ²	32/0.20	100 Ω Ethernet pair	Foil or braid screen for high-speed data transmission	PVC sheath (TPU/PUR on request)	-40 °C to +105 °C or specified class

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