



SIGNAL REFERENCE CABLE

RS-485 data cable reference 4 orderable sizes

STANDARD RS-485 data cable reference	CONDUCTOR 22 AWG or 24 AWG stranded tinned copper	INSULATION / JACKET PVC, LSZH, CPE or outdoor jacket option
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Construction

- 1 ■ Conductor (per core) – 24 AWG · 7 × Ø0.19 mm · IEC 60228 cl.2
- 2 ■ Pair insulation – PE or foam PE
- 3 ■ Filler – Bedding / filler
- 4 ■ Overall screen (OS) – Al/polyester foil + drain
- 5 ■ Sheath – PVC, LSZH, CPE or outdoor jacket option

Size selection — all available cross-sections

Cable reference	Reference style	Circuit type	Pair / core layout	Conductor	Conductor resistance	Screen / shield	Capacitance	Impedance	Jacket	Voltage class
24 AWG 1 pair PVC jacket 120 Ω RS-485 industrial data reference cable	120 Ω RS-485	Industrial serial data	24 AWG 1 pair	24 AWG	24 Ω/1000 ft nominal	Foil plus braid	12.8 pF/ft nominal reference	120 Ω nominal	PVC jacket	300 V reference
22 AWG 1 pair Sun-resistant PVC 120 Ω RS-485 industrial data reference cable	120 Ω RS-485	Industrial serial data	22 AWG 1 pair	22 AWG	18.2 Ω/1000 ft nominal	Foil plus braid	11 pF/ft nominal reference	120 Ω nominal	Sun-resistant PVC	300 V reference
22 AWG 1 pair CPE outdoor jacket 120 Ω RS-485 industrial data reference cable	120 Ω RS-485	Industrial serial data	22 AWG 1 pair	22 AWG	18.2 Ω/1000 ft nominal	Foil plus braid	11 pF/ft nominal reference	120 Ω nominal	CPE outdoor jacket	300 V reference
24 AWG 2 pair LSZH jacket 120 Ω RS-485 industrial data reference cable	120 Ω RS-485	Industrial serial data	24 AWG 2 pair	24 AWG	24 Ω/1000 ft nominal	Overall foil shield	12.8 pF/ft nominal reference	120 Ω nominal	LSZH jacket	300 V reference