



SIGNAL REFERENCE CABLE

RS-485 cable reference

4 orderable sizes

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

- 1 ■ Conductor (per core) – 24 AWG 7/32 tinned copper
- 2 ■ Pair insulation – PE
- 3 ■ Filler – Bedding / filler
- 4 ■ Overall screen (OS) – Al/polyester foil + drain
- 5 ■ Sheath – PVC, LSZH 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
9841 style RS-485 24 AWG 1 pair PVC CM 120 Ω cable	9841 style	Indoor RS-485	1 pair	24 AWG 7/32 tinned copper	24 Ω/1000 ft nominal	Overall foil + tinned copper braid	12.8 pF/ft nominal	120 Ω nominal	PVC CM	300 V
9841 style RS-485 24 AWG 1 pair Low-smoke jacket 120 Ω cable	9841 style	Building data routes	1 pair	24 AWG 7/32 tinned copper	24 Ω/1000 ft nominal	Overall foil + tinned copper braid	12.8 pF/ft nominal	120 Ω nominal	Low-smoke jacket	300 V
9841 style RS-485 24 AWG 1 pair Sun-resistant PVC 120 Ω cable	9841 style	Protected outdoor RS-485	1 pair	24 AWG 7/32 tinned copper	24 Ω/1000 ft nominal	Overall foil + tinned copper braid	12.8 pF/ft nominal	120 Ω nominal	Sun-resistant PVC	300 V
9841 style RS-485 24 AWG 1 pair Plenum jacket 120 Ω cable	9841 style	Air-handling data route	1 pair	24 AWG 7/32 tinned copper	24 Ω/1000 ft nominal	Overall foil + tinned copper braid	12.8 pF/ft nominal	120 Ω nominal	Plenum jacket	300 V