



SIGNAL REFERENCE CABLE

RS-485 cable reference

4 orderable sizes

STANDARD RS-485 cable reference	CONDUCTOR 22 AWG stranded tinned copper	INSULATION / JACKET Sun-resistant PVC, CPE or low-smoke jacket option
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Construction

- 1 ■ Conductor (per core) – 22 AWG 7/30 tinned copper
- 2 ■ Pair insulation – Foam PE
- 3 ■ Filler – Bedding / filler
- 4 ■ Overall screen (OS) – Al/polyester foil + drain
- 5 ■ Sheath – Sun-resistant PVC, CPE or low-smoke 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
3105A style RS-485 22 AWG 1 pair Sun-resistant PVC cable	3105A style	Outdoor RS-485	1 pair	22 AWG 7/30 tinned copper	18.2 Ω/1000 ft nominal	Overall foil + tinned copper braid	11 pF/ft nominal	120 Ω nominal	Sun-resistant PVC	300 V
3105A style RS-485 22 AWG 1 pair Oil-resistant PVC cable	3105A style	Industrial control route	1 pair	22 AWG 7/30 tinned copper	18.2 Ω/1000 ft nominal	Overall foil + tinned copper braid	11 pF/ft nominal	120 Ω nominal	Oil-resistant PVC	300 V
3105A style RS-485 22 AWG 1 pair CPE outdoor jacket cable	3105A style	Harsh industrial route	1 pair	22 AWG 7/30 tinned copper	18.2 Ω/1000 ft nominal	Overall foil + tinned copper braid	11 pF/ft nominal	120 Ω nominal	CPE outdoor jacket	300 V
3105A style RS-485 22 AWG 1 pair Low-smoke jacket cable	3105A style	Building automation route	1 pair	22 AWG 7/30 tinned copper	18.2 Ω/1000 ft nominal	Overall foil + tinned copper braid	11 pF/ft nominal	120 Ω nominal	Low-smoke jacket	300 V