



**SIGNAL REFERENCE CABLE**

Data signal cable reference

4 orderable sizes

<b>STANDARD</b> Data signal cable reference	<b>CONDUCTOR</b> 22 AWG stranded tinned copper	<b>INSULATION / JACKET</b> PVC, LSZH or outdoor jacket option
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**Construction**

- 1 ■ Conductor (per core) – 22 AWG 7/30 tinned copper
- 2 ■ Pair insulation – Foam PE or 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
3082A style 22 AWG 1 pair PVC CM low capacitance data cable	3082A style	Indoor data/control	1 pair	22 AWG 7/30 tinned copper	18.2 Ω/1000 ft nominal	Overall foil shield + drain wire	Low-capacitance data reference	Balanced data reference	PVC CM	300 V
3082A style 22 AWG 1 pair Low-smoke jacket low capacitance data cable	3082A style	Building data route	1 pair	22 AWG 7/30 tinned copper	18.2 Ω/1000 ft nominal	Overall foil shield + drain wire	Low-capacitance data reference	Balanced data reference	Low-smoke jacket	300 V
3082A style 22 AWG 1 pair Outdoor PE jacket low capacitance data cable	3082A style	Protected outdoor data route	1 pair	22 AWG 7/30 tinned copper	18.2 Ω/1000 ft nominal	Overall foil shield + drain wire	Low-capacitance data reference	Balanced data reference	Outdoor PE jacket	300 V
3082A style 22 AWG 1 pair Plenum jacket low capacitance data cable	3082A style	Air-handling signal route	1 pair	22 AWG 7/30 tinned copper	18.2 Ω/1000 ft nominal	Overall foil shield + drain wire	Low-capacitance data reference	Balanced data reference	Plenum jacket	300 V