



PROFIBUS PA PROCESS CABLE

IEC 61158

4 orderable sizes

STANDARD IEC 61158	CONDUCTOR AWG18/1 solid / AWG18/7 stranded	INSULATION / JACKET Blue PVC jacket
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Construction

- 1 ■ Conductor (per core) – AWG18/1 solid
- 2 ■ Pair insulation – Foam PE, PE or fieldbus-grade insulation
- 3 ■ Filler – Bedding / filler
- 4 ■ Overall screen (OS) – Al/polyester foil + drain
- 5 ■ Sheath – Blue PVC jacket

Size selection — all available cross-sections

Cable reference	Protocol	Network use	Pair / hybrid layout	Conductor	Impedance	Mutual capacitance
Profibus PA Process automation 1 x 2 pair AWG18/1 solid Static installation	Profibus PA	Process automation	1 x 2 pair	AWG18/1 solid	100 Ω nominal	Approx. 60 pF/m
Profibus PA Process automation 1 x 2 pair AWG18/7 stranded Static installation	Profibus PA	Process automation	1 x 2 pair	AWG18/7 stranded	100 Ω nominal	Approx. 60 pF/m
Profibus PA Instrumentation fieldbus 1 x 2 pair AWG18/1 solid Static installation	Profibus PA	Instrumentation fieldbus	1 x 2 pair	AWG18/1 solid	100 Ω nominal	Approx. 60 pF/m
Profibus PA Instrumentation fieldbus 1 x 2 pair AWG18/7 stranded Static installation	Profibus PA	Instrumentation fieldbus	1 x 2 pair	AWG18/7 stranded	100 Ω nominal	Approx. 60 pF/m