



INTERCOM AND PA CABLE

Low-voltage building cable references

15 orderable sizes

STANDARD Low-voltage building cable references	VOLTAGE CLASS Low-voltage intercom and PA circuits	CONDUCTOR Stranded bare or tinned copper conductor
INSULATION / JACKET PVC or LSZH jacket		

Construction

- 1 ■ Conductor (per core) – 20 AWG / 0.52 mm² · 16 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ Core insulation – PVC or LSZH insulation
- 3 ■ Filler – PP filler
- 4 ■ Shield – Foil shield (B)
- 5 ■ Sheath – PVC or LSZH jacket

Size selection — all available cross-sections

Cable reference	Application	Cable design	Conductor size	Conductor construction	Max DC resistance at 20 °C	Electrical reference	Screen / protection	Jacket	OD guide
Intercom PA Cable 2C 22 AWG	Intercom, PA and door-entry audio/control circuit	2 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	4.2 mm
Intercom PA Cable 2C 20 AWG	Intercom, PA and door-entry audio/control circuit	2 core	20 AWG / 0.52 mm ²	10/30 AWG	33.6 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	4.5 mm
Intercom PA Cable 2C 18 AWG	Intercom, PA and door-entry audio/control circuit	2 core	18 AWG / 0.82 mm ²	16/30 AWG	21.0 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	4.9 mm
Intercom PA Cable 4C 22 AWG	Intercom, PA and door-entry audio/control circuit	4 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	5.4 mm
Intercom PA Cable 4C 20 AWG	Intercom, PA and door-entry audio/control circuit	4 core	20 AWG / 0.52 mm ²	10/30 AWG	33.6 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	5.9 mm

Cable reference	Application	Cable design	Conductor size	Conductor construction	Max DC resistance at 20 °C	Electrical reference	Screen / protection	Jacket	OD guide
Intercom PA Cable 4C 18 AWG	Intercom, PA and door-entry audio/control circuit	4 core	18 AWG / 0.82 mm ²	16/30 AWG	21.0 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	6.4 mm
Intercom PA Cable 6C 22 AWG	Intercom, PA and door-entry audio/control circuit	6 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	6.3 mm
Intercom PA Cable 6C 20 AWG	Intercom, PA and door-entry audio/control circuit	6 core	20 AWG / 0.52 mm ²	10/30 AWG	33.6 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	7.0 mm
Intercom PA Cable 6C 18 AWG	Intercom, PA and door-entry audio/control circuit	6 core	18 AWG / 0.82 mm ²	16/30 AWG	21.0 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	7.6 mm
Intercom PA Cable 8C 22 AWG	Intercom, PA and door-entry audio/control circuit	8 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	7.1 mm
Intercom PA Cable 8C 20 AWG	Intercom, PA and door-entry audio/control circuit	8 core	20 AWG / 0.52 mm ²	10/30 AWG	33.6 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	7.8 mm
Intercom PA Cable 8C 18 AWG	Intercom, PA and door-entry audio/control circuit	8 core	18 AWG / 0.82 mm ²	16/30 AWG	21.0 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	8.6 mm
Intercom PA Cable 12C 22 AWG	Intercom, PA and door-entry audio/control circuit	12 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	8.4 mm
Intercom PA Cable 12C 20 AWG	Intercom, PA and door-entry audio/control circuit	12 core	20 AWG / 0.52 mm ²	10/30 AWG	33.6 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	9.3 mm
Intercom PA Cable 12C 18 AWG	Intercom, PA and door-entry audio/control circuit	12 core	18 AWG / 0.82 mm ²	16/30 AWG	21.0 Ω/km	95 pF/m nominal conductor-to-conductor	Optional foil screen with drain wire	PVC or LSZH jacket	10.2 mm