



ELECTRONIC MULTICONDUCTOR CABLE

UL 2464

16 orderable sizes

STANDARD UL 2464	VOLTAGE CLASS 300 V electronic cable	CONDUCTOR Stranded tinned copper conductor
INSULATION / JACKET PVC jacket		

Construction

- 1 **Conductor (per core)** – 22 AWG / 0.33 mm² · 16 × Ø0.16 mm · IEC 60228 c1.5
- 2 **Core insulation** – PVC insulation
- 3 **Filler** – PP filler
- 4 **Shield** – Foil shield (B)
- 5 **Sheath** – PVC 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
UL 2464 Electronic Cable 2C 24 AWG	General electronic and control interconnection	2 core	24 AWG / 0.20 mm ²	7/32 AWG	85.0 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	3.7 mm
UL 2464 Electronic Cable 2C 22 AWG	General electronic and control interconnection	2 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	4.1 mm
UL 2464 Electronic Cable 3C 24 AWG	General electronic and control interconnection	3 core	24 AWG / 0.20 mm ²	7/32 AWG	85.0 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	4.3 mm
UL 2464 Electronic Cable 3C 22 AWG	General electronic and control interconnection	3 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	4.7 mm
UL 2464 Electronic Cable 4C 24 AWG	General electronic and control interconnection	4 core	24 AWG / 0.20 mm ²	7/32 AWG	85.0 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	4.8 mm
UL 2464 Electronic Cable 4C 22 AWG	General electronic and control interconnection	4 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen	PVC jacket	5.3 mm

Cable reference	Application	Cable design	Conductor size	Conductor construction	Max DC resistance at 20 °C	Electrical reference	Screen / protection	Jacket	OD guide
	control interconnection					to-conductor	with drain wire		
UL 2464 Electronic Cable 6C 24 AWG	General electronic and control interconnection	6 core	24 AWG / 0.20 mm ²	7/32 AWG	85.0 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	5.6 mm
UL 2464 Electronic Cable 6C 22 AWG	General electronic and control interconnection	6 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	6.2 mm
UL 2464 Electronic Cable 8C 24 AWG	General electronic and control interconnection	8 core	24 AWG / 0.20 mm ²	7/32 AWG	85.0 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	6.3 mm
UL 2464 Electronic Cable 8C 22 AWG	General electronic and control interconnection	8 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	7.0 mm
UL 2464 Electronic Cable 12C 24 AWG	General electronic and control interconnection	12 core	24 AWG / 0.20 mm ²	7/32 AWG	85.0 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	7.4 mm
UL 2464 Electronic Cable 12C 22 AWG	General electronic and control interconnection	12 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	8.3 mm
UL 2464 Electronic Cable 20C 24 AWG	General electronic and control interconnection	20 core	24 AWG / 0.20 mm ²	7/32 AWG	85.0 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	9.2 mm
UL 2464 Electronic Cable 20C 22 AWG	General electronic and control interconnection	20 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	10.4 mm
UL 2464 Electronic Cable 30C 24 AWG	General electronic and control interconnection	30 core	24 AWG / 0.20 mm ²	7/32 AWG	85.0 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	11.1 mm
UL 2464 Electronic Cable 30C 22 AWG	General electronic and control interconnection	30 core	22 AWG / 0.33 mm ²	7/30 AWG	53.5 Ω/km	95 pF/m nominal conductor-to-conductor	Overall foil screen with drain wire	PVC jacket	12.5 mm