



POWER-LIMITED TRAY CABLE

UL 13

24 orderable sizes

STANDARD UL 13	VOLTAGE CLASS 300 V	TEMPERATURE CLASS 90 °C dry / 75 °C wet guide
CONDUCTOR Stranded bare copper conductor	INSULATION / JACKET Flame retardant PVC tray jacket	

Construction

- 1 ■ Conductor (per core) – Stranded bare copper conductor · 7 × Ø0.49 mm · IEC 60228 cl.2
- 2 ■ Pair insulation – PVC insulation
- 3 ■ Filler – Bedding / filler
- 4 ■ Overall screen (OS) – Al/polyester foil + drain
- 5 ■ Sheath – Flame retardant PVC tray jacket

Size selection — all available cross-sections

Cable reference	Tray cable duty	Circuit type	Core / pair design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide
PLTC 300 V Power-limited signal tray Pair 1 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Pair	1 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	11.2 mm
PLTC 300 V Power-limited signal tray Pair 1 pair 16 AWG / 1.31 mm ²	Power-limited signal tray	Pair	1 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	11.6 mm
PLTC 300 V Power-limited signal tray Pair 2 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Pair	2 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	12.2 mm
PLTC 300 V Power-limited signal tray Pair 2 pair 16 AWG / 1.31 mm ²	Power-limited signal tray	Pair	2 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	12.6 mm
PLTC 300 V Power-limited signal tray Pair 4 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Pair	4 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	13.7 mm
PLTC 300 V Power-limited signal tray Pair 4 pair 16 AWG / 1.31 mm ²	Power-limited	Pair	4 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	14.1 mm

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16 AWG / 1.31 mm ²	signal tray						
PLTC 300 V Power-limited signal tray Pair 8 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Pair	8 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	15.7 mm
PLTC 300 V Power-limited signal tray Pair 8 pair 16 AWG / 1.31 mm ²	Power-limited signal tray	Pair	8 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	16.1 mm
PLTC 300 V Power-limited signal tray Pair 12 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Pair	12 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	17.3 mm
PLTC 300 V Power-limited signal tray Pair 12 pair 16 AWG / 1.31 mm ²	Power-limited signal tray	Pair	12 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	17.7 mm
PLTC 300 V Power-limited signal tray Pair 16 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Pair	16 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	18.6 mm
PLTC 300 V Power-limited signal tray Pair 16 pair 16 AWG / 1.31 mm ²	Power-limited signal tray	Pair	16 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	19.0 mm
PLTC 300 V Power-limited signal tray Triad 1 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Triad	1 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	11.2 mm
PLTC 300 V Power-limited signal tray Triad 1 pair 16 AWG / 1.31 mm ²	Power-limited signal tray	Triad	1 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	11.6 mm
PLTC 300 V Power-limited signal tray Triad 2 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Triad	2 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	12.2 mm
PLTC 300 V Power-limited signal tray Triad 2 pair 16 AWG / 1.31 mm ²	Power-limited signal tray	Triad	2 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	12.6 mm
PLTC 300 V Power-limited signal tray Triad 4 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Triad	4 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	13.7 mm
PLTC 300 V Power-limited signal tray Triad 4 pair 16 AWG / 1.31 mm ²	Power-limited signal tray	Triad	4 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	14.1 mm
PLTC 300 V Power-limited signal tray Triad 8 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Triad	8 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	15.7 mm
PLTC 300 V Power-limited signal tray Triad 8 pair 16 AWG / 1.31 mm ²	Power-limited signal tray	Triad	8 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	16.1 mm

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PLTC 300 V Power-limited signal tray Triad 12 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Triad	12 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	17.3 mm
PLTC 300 V Power-limited signal tray Triad 12 pair 16 AWG / 1.31 mm ²	Power-limited signal tray	Triad	12 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	17.7 mm
PLTC 300 V Power-limited signal tray Triad 16 pair 18 AWG / 0.82 mm ²	Power-limited signal tray	Triad	16 pair	18 AWG / 0.82 mm ²	300 V	22.6 Ω/km	18.6 mm
PLTC 300 V Power-limited signal tray Triad 16 pair 16 AWG / 1.31 mm ²	Power-limited signal tray	Triad	16 pair	16 AWG / 1.31 mm ²	300 V	14.1 Ω/km	19.0 mm

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