



DRAG-CHAIN FLEXIBLE CONTROL CABLE

UL 758

36 orderable sizes

STANDARD UL 758	VOLTAGE CLASS 300/500 V	CONDUCTOR Class 5 flexible copper conductor
INSULATION / JACKET Cut-resistant PUR sheath		

Construction

- 1 ■ **Conductor (per core)** – Class 5 flexible copper conductor · 16 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ **Core insulation** – High-flex PVC, TPE or halogen-free core insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Shield** – Braid shield (C)
- 5 ■ **Sheath** – Cut-resistant PUR sheath

Size selection — all available cross-sections

Cable reference	Service class	Core design	Conductor size	Max DC resistance at 20 °C	EMC / protection	OD guide
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 3 core 0.5 mm ²	Continuous-flex track duty	3 core	0.5 mm ²	39.0 Ω/km	Optional tinned copper braid screen for EMC routes	11.6 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 3 core 0.75 mm ²	Continuous-flex track duty	3 core	0.75 mm ²	26.0 Ω/km	Optional tinned copper braid screen for EMC routes	12.0 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 3 core 1.0 mm ²	Continuous-flex track duty	3 core	1.0 mm ²	19.5 Ω/km	Optional tinned copper braid screen for EMC routes	12.3 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 3 core 1.5 mm ²	Continuous-flex track duty	3 core	1.5 mm ²	13.3 Ω/km	Optional tinned copper braid screen for EMC routes	12.7 mm

Cable reference	Service class	Core design	Conductor size	Max DC resistance at 20 °C	EMC / protection	OD guide
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 3 core 2.5 mm ²	Continuous-flex track duty	3 core	2.5 mm ²	7.98 Ω/km	Optional tinned copper braid screen for EMC routes	13.5 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 3 core 4 mm ²	Continuous-flex track duty	3 core	4 mm ²	4.95 Ω/km	Optional tinned copper braid screen for EMC routes	14.4 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 4 core 0.5 mm ²	Continuous-flex track duty	4 core	0.5 mm ²	39.0 Ω/km	Optional tinned copper braid screen for EMC routes	12.0 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 4 core 0.75 mm ²	Continuous-flex track duty	4 core	0.75 mm ²	26.0 Ω/km	Optional tinned copper braid screen for EMC routes	12.4 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 4 core 1.0 mm ²	Continuous-flex track duty	4 core	1.0 mm ²	19.5 Ω/km	Optional tinned copper braid screen for EMC routes	12.7 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 4 core 1.5 mm ²	Continuous-flex track duty	4 core	1.5 mm ²	13.3 Ω/km	Optional tinned copper braid screen for EMC routes	13.1 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 4 core 2.5 mm ²	Continuous-flex track duty	4 core	2.5 mm ²	7.98 Ω/km	Optional tinned copper braid screen for EMC routes	13.9 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 4 core 4 mm ²	Continuous-flex track duty	4 core	4 mm ²	4.95 Ω/km	Optional tinned copper braid screen for EMC routes	14.8 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 5 core 0.5 mm ²	Continuous-flex track duty	5 core	0.5 mm ²	39.0 Ω/km	Optional tinned copper braid screen for EMC routes	12.4 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 5 core 0.75 mm ²	Continuous-flex track duty	5 core	0.75 mm ²	26.0 Ω/km	Optional tinned copper braid screen for EMC routes	12.7 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 5 core 1.0 mm ²	Continuous-flex track duty	5 core	1.0 mm ²	19.5 Ω/km	Optional tinned copper braid screen for EMC routes	13.0 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 5 core 1.5 mm ²	Continuous-flex track duty	5 core	1.5 mm ²	13.3 Ω/km	Optional tinned copper braid screen for EMC routes	13.5 mm

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Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 5 core 2.5 mm ²	Continuous-flex track duty	5 core	2.5 mm ²	7.98 Ω/km	Optional tinned copper braid screen for EMC routes	14.2 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 5 core 4 mm ²	Continuous-flex track duty	5 core	4 mm ²	4.95 Ω/km	Optional tinned copper braid screen for EMC routes	15.1 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 7 core 0.5 mm ²	Continuous-flex track duty	7 core	0.5 mm ²	39.0 Ω/km	Optional tinned copper braid screen for EMC routes	13.0 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 7 core 0.75 mm ²	Continuous-flex track duty	7 core	0.75 mm ²	26.0 Ω/km	Optional tinned copper braid screen for EMC routes	13.3 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 7 core 1.0 mm ²	Continuous-flex track duty	7 core	1.0 mm ²	19.5 Ω/km	Optional tinned copper braid screen for EMC routes	13.6 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 7 core 1.5 mm ²	Continuous-flex track duty	7 core	1.5 mm ²	13.3 Ω/km	Optional tinned copper braid screen for EMC routes	14.1 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 7 core 2.5 mm ²	Continuous-flex track duty	7 core	2.5 mm ²	7.98 Ω/km	Optional tinned copper braid screen for EMC routes	14.8 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 7 core 4 mm ²	Continuous-flex track duty	7 core	4 mm ²	4.95 Ω/km	Optional tinned copper braid screen for EMC routes	15.7 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 12 core 0.5 mm ²	Continuous-flex track duty	12 core	0.5 mm ²	39.0 Ω/km	Optional tinned copper braid screen for EMC routes	14.1 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 12 core 0.75 mm ²	Continuous-flex track duty	12 core	0.75 mm ²	26.0 Ω/km	Optional tinned copper braid screen for EMC routes	14.5 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 12 core 1.0 mm ²	Continuous-flex track duty	12 core	1.0 mm ²	19.5 Ω/km	Optional tinned copper braid screen for EMC routes	14.8 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 12 core 1.5 mm ²	Continuous-flex track duty	12 core	1.5 mm ²	13.3 Ω/km	Optional tinned copper braid screen for EMC routes	15.3 mm

Cable reference	Service class	Core design	Conductor size	Max DC resistance at 20 °C	EMC / protection	OD guide
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 12 core 2.5 mm ²	Continuous-flex track duty	12 core	2.5 mm ²	7.98 Ω/km	Optional tinned copper braid screen for EMC routes	16.0 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 12 core 4 mm ²	Continuous-flex track duty	12 core	4 mm ²	4.95 Ω/km	Optional tinned copper braid screen for EMC routes	16.9 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 18 core 0.5 mm ²	Continuous-flex track duty	18 core	0.5 mm ²	39.0 Ω/km	Optional tinned copper braid screen for EMC routes	15.3 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 18 core 0.75 mm ²	Continuous-flex track duty	18 core	0.75 mm ²	26.0 Ω/km	Optional tinned copper braid screen for EMC routes	15.6 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 18 core 1.0 mm ²	Continuous-flex track duty	18 core	1.0 mm ²	19.5 Ω/km	Optional tinned copper braid screen for EMC routes	15.9 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 18 core 1.5 mm ²	Continuous-flex track duty	18 core	1.5 mm ²	13.3 Ω/km	Optional tinned copper braid screen for EMC routes	16.4 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 18 core 2.5 mm ²	Continuous-flex track duty	18 core	2.5 mm ²	7.98 Ω/km	Optional tinned copper braid screen for EMC routes	17.2 mm
Continuous flex PUR track control cable 300/500 V Continuous-flex track duty 18 core 4 mm ²	Continuous-flex track duty	18 core	4 mm ²	4.95 Ω/km	Optional tinned copper braid screen for EMC routes	18.1 mm