



SINGLE CONDUCTOR CONTINUOUS-FLEX CABLE

UL 758

11 orderable sizes

STANDARD UL 758	VOLTAGE CLASS 600 V	CONDUCTOR Class 6 extra-flexible copper conductor
INSULATION / JACKET PUR abrasion resistant jacket		

Construction

- 1 **Conductor** – Class 6 extra-flexible copper conductor · 276 × Ø0.4 mm · IEC 60228 cl.5
- 2 **Insulation** – TPE or PP high-flex insulation
- 3 **Shield** – Braid shield (C)
- 4 **Sheath** – PUR abrasion resistant jacket

Size selection — all available cross-sections

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
Class 6 PUR single core track cable 600 V Linear drag-chain duty Single conductor power 1 core 1.5 mm ²	Linear drag-chain duty	Single conductor power	1 core	1.5 mm ²	Up to 5 million cycles guide	7.5 x OD dynamic / 4 x OD fixed	10.2 mm
Class 6 PUR single core track cable 600 V Linear drag-chain duty Single conductor power 1 core 2.5 mm ²	Linear drag-chain duty	Single conductor power	1 core	2.5 mm ²	Up to 5 million cycles guide	7.5 x OD dynamic / 4 x OD fixed	11.0 mm
Class 6 PUR single core track cable 600 V Linear drag-chain duty Single conductor power 1 core 4 mm ²	Linear drag-chain duty	Single conductor power	1 core	4 mm ²	Up to 5 million cycles guide	7.5 x OD dynamic / 4 x OD fixed	11.9 mm
Class 6 PUR single core track cable 600 V Linear drag-chain duty Single conductor power 1 core 6 mm ²	Linear drag-chain duty	Single conductor power	1 core	6 mm ²	Up to 5 million cycles guide	7.5 x OD dynamic / 4 x OD fixed	13.0 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
Class 6 PUR single core track cable 600 V Linear drag-chain duty Single conductor power 1 core 10 mm ²	Linear drag-chain duty	Single conductor power	1 core	10 mm ²	Up to 5 million cycles guide	7.5 x OD dynamic / 4 x OD fixed	14.6 mm
Class 6 PUR single core track cable 600 V Linear drag-chain duty Single conductor power 1 core 16 mm ²	Linear drag-chain duty	Single conductor power	1 core	16 mm ²	Up to 5 million cycles guide	7.5 x OD dynamic / 4 x OD fixed	16.4 mm
Class 6 PUR single core track cable 600 V Linear drag-chain duty Single conductor power 1 core 25 mm ²	Linear drag-chain duty	Single conductor power	1 core	25 mm ²	Up to 5 million cycles guide	7.5 x OD dynamic / 4 x OD fixed	18.7 mm
Class 6 PUR single core track cable 600 V Linear drag-chain duty Single conductor power 1 core 35 mm ²	Linear drag-chain duty	Single conductor power	1 core	35 mm ²	Up to 5 million cycles guide	7.5 x OD dynamic / 4 x OD fixed	20.8 mm
Class 6 PUR single core track cable 600 V Linear drag-chain duty Single conductor power 1 core 50 mm ²	Linear drag-chain duty	Single conductor power	1 core	50 mm ²	Up to 5 million cycles guide	7.5 x OD dynamic / 4 x OD fixed	23.4 mm
Class 6 PUR single core track cable 600 V Linear drag-chain duty Single conductor power 1 core 70 mm ²	Linear drag-chain duty	Single conductor power	1 core	70 mm ²	Up to 5 million cycles guide	7.5 x OD dynamic / 4 x OD fixed	26.3 mm
Class 6 PUR single core track cable 600 V Linear drag-chain duty Single conductor power 1 core 95 mm ²	Linear drag-chain duty	Single conductor power	1 core	95 mm ²	Up to 5 million cycles guide	7.5 x OD dynamic / 4 x OD fixed	29.4 mm