



**PAIRED CONTINUOUS-FLEX DATA CABLE**

**UL 758**

**16 orderable sizes**

<b>STANDARD</b> <b>UL 758</b>	<b>VOLTAGE CLASS</b> <b>300 V signal</b>	<b>CONDUCTOR</b> <b>Fine-stranded flexible copper conductor</b>
<b>INSULATION / JACKET</b> <b>PUR or TPE data cable jacket</b>		

**Construction**

- 1 **Conductor (per core)** – Fine-stranded flexible copper conductor · 16 × Ø0.16 mm · IEC 60228 cl.5
- 2 **Pair insulation** – Foam PE, PP or high-flex signal insulation
- 3 **Individual screen (IS)** – Al/polyester foil + tinned-copper drain
- 4 **Filler** – Bedding / filler
- 5 **Overall screen (OS)** – Al/polyester foil + drain
- 6 **Sheath** – PUR or TPE data cable jacket

**Size selection — all available cross-sections**

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 2 pair AWG26/7	Data drag-chain duty	Data and signal transmission	2 pair	AWG26/7	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	22.2 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 2 pair AWG24/7	Data drag-chain duty	Data and signal transmission	2 pair	AWG24/7	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	21.7 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 2 pair 0.34 mm <sup>2</sup>	Data drag-chain duty	Data and signal transmission	2 pair	0.34 mm <sup>2</sup>	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	12.0 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 2 pair 0.5 mm <sup>2</sup>	Data drag-chain duty	Data and signal transmission	2 pair	0.5 mm <sup>2</sup>	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	12.3 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 4 pair AWG26/7	Data drag-chain duty	Data and signal transmission	4 pair	AWG26/7	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	23.5 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 4 pair AWG24/7	Data drag-chain duty	Data and signal transmission	4 pair	AWG24/7	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	23.0 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 4 pair 0.34 mm <sup>2</sup>	Data drag-chain duty	Data and signal transmission	4 pair	0.34 mm <sup>2</sup>	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	13.3 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 4 pair 0.5 mm <sup>2</sup>	Data drag-chain duty	Data and signal transmission	4 pair	0.5 mm <sup>2</sup>	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	13.6 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 8 pair AWG26/7	Data drag-chain duty	Data and signal transmission	8 pair	AWG26/7	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	25.3 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 8 pair AWG24/7	Data drag-chain duty	Data and signal transmission	8 pair	AWG24/7	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	24.8 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 8 pair 0.34 mm <sup>2</sup>	Data drag-chain duty	Data and signal transmission	8 pair	0.34 mm <sup>2</sup>	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	15.1 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 8 pair 0.5 mm <sup>2</sup>	Data drag-chain duty	Data and signal transmission	8 pair	0.5 mm <sup>2</sup>	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	15.4 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 12 pair AWG26/7	Data drag-chain duty	Data and signal transmission	12 pair	AWG26/7	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	26.7 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 12 pair AWG24/7	Data drag-chain duty	Data and signal transmission	12 pair	AWG24/7	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	26.2 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 12 pair 0.34 mm <sup>2</sup>	Data drag-chain duty	Data and signal transmission	12 pair	0.34 mm <sup>2</sup>	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	16.5 mm
Continuous flex data TP cable 300 V signal Data drag-chain duty Data and signal transmission 12 pair 0.5 mm <sup>2</sup>	Data drag-chain duty	Data and signal transmission	12 pair	0.5 mm <sup>2</sup>	Up to 10 million cycles guide	10 x OD dynamic / 5 x OD fixed	16.8 mm

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