



HYBRID CONTINUOUS-FLEX CABLE

UL 758

12 orderable sizes

STANDARD UL 758	VOLTAGE CLASS 600 V power / 300 V signal	CONDUCTOR Fine-stranded flexible copper conductor
INSULATION / JACKET PUR low-adhesion abrasion resistant jacket		

Construction

- 1 **Conductor (per core)** – Fine-stranded flexible copper conductor · 56 × Ø0.3 mm · IEC 60228 c1.5
- 2 **Pair insulation** – TPE power-core and signal-core 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 low-adhesion 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
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid drag-chain duty Power plus signal 4 power cores + 2 signal pairs 1.5 mm ²	Hybrid drag-chain duty	Power plus signal	4 power cores + 2 signal pairs	1.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	16.9 mm
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid drag-chain duty Power plus signal 4 power cores + 2 signal pairs 2.5 mm ²	Hybrid drag-chain duty	Power plus signal	4 power cores + 2 signal pairs	2.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	17.7 mm
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid	Hybrid drag-	Power plus signal	4 power cores + 2	4 mm ²	Up to 5 million	10 x OD dynamic / 5 x OD fixed	18.7 mm

Cable reference	Motion class	Cable use	Core design	Conductor size	Cycle guide	Bend radius	OD guide
drag-chain duty Power plus signal 4 power cores + 2 signal pairs 4 mm ²	chain duty		signal pairs		cycles guide		
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid drag-chain duty Power plus signal 4 power cores + 2 signal pairs 6 mm ²	Hybrid drag-chain duty	Power plus signal	4 power cores + 2 signal pairs	6 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	19.7 mm
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid drag-chain duty Power plus signal 4 power cores + 4 signal pairs 1.5 mm ²	Hybrid drag-chain duty	Power plus signal	4 power cores + 4 signal pairs	1.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	17.9 mm
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid drag-chain duty Power plus signal 4 power cores + 4 signal pairs 2.5 mm ²	Hybrid drag-chain duty	Power plus signal	4 power cores + 4 signal pairs	2.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	18.7 mm
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid drag-chain duty Power plus signal 4 power cores + 4 signal pairs 4 mm ²	Hybrid drag-chain duty	Power plus signal	4 power cores + 4 signal pairs	4 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	19.7 mm
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid drag-chain duty Power plus signal 4 power cores + 4 signal pairs 6 mm ²	Hybrid drag-chain duty	Power plus signal	4 power cores + 4 signal pairs	6 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	20.7 mm
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid drag-chain duty Power plus signal 3 power cores + 2 data pairs 1.5 mm ²	Hybrid drag-chain duty	Power plus signal	3 power cores + 2 data pairs	1.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	16.7 mm
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid drag-chain duty Power plus signal 3 power	Hybrid drag-chain duty	Power plus signal	3 power cores + 2 data pairs	2.5 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	17.5 mm

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cores + 2 data pairs 2.5 mm ²							
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid drag-chain duty Power plus signal 3 power cores + 2 data pairs 4 mm ²	Hybrid drag-chain duty	Power plus signal	3 power cores + 2 data pairs	4 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	18.4 mm
Hybrid power signal drag chain cable 600 V power / 300 V signal Hybrid drag-chain duty Power plus signal 3 power cores + 2 data pairs 6 mm ²	Hybrid drag-chain duty	Power plus signal	3 power cores + 2 data pairs	6 mm ²	Up to 5 million cycles guide	10 x OD dynamic / 5 x OD fixed	19.4 mm

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