



PUR SCREENED SERVO MOTOR POWER CABLE

UL 758

18 orderable sizes

STANDARD UL 758	VOLTAGE CLASS 0.6/1 kV	CONDUCTOR Fine-stranded flexible copper conductor
INSULATION / JACKET PUR oil and abrasion resistant jacket		

Construction

- 1 **Conductor (per core)** – Fine-stranded flexible copper conductor · 2 × Ø1 mm
- 2 **Pair insulation** – PP low-capacitance core insulation
- 3 **Filler** – Bedding / filler
- 4 **Overall screen (OS)** – Al/polyester foil + drain
- 5 **Sheath** – PUR oil and abrasion resistant jacket

Size selection — all available cross-sections

Cable reference	Service class	Drive function	Core / pair design	Power / signal size	Max DC resistance at 20 °C	Shielding	OD guide
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores 1.5 mm ²	Flexible servo power	Servo drive to motor power	4G power cores	1.5 mm ²	12.7	Overall tinned copper wire braid screen	14.7 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores 2.5 mm ²	Flexible servo power	Servo drive to motor power	4G power cores	2.5 mm ²	7.6	Overall tinned copper wire braid screen	15.4 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores 4 mm ²	Flexible servo power	Servo drive to motor power	4G power cores	4 mm ²	4.7	Overall tinned copper wire braid screen	16.3 mm

Cable reference	Service class	Drive function	Core / pair design	Power / signal size	Max DC resistance at 20 °C	Shielding	OD guide
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores 6 mm ²	Flexible servo power	Servo drive to motor power	4G power cores	6 mm ²	3.1	Overall tinned copper wire braid screen	17.2 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores 10 mm ²	Flexible servo power	Servo drive to motor power	4G power cores	10 mm ²	1.83	Overall tinned copper wire braid screen	18.7 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores 16 mm ²	Flexible servo power	Servo drive to motor power	4G power cores	16 mm ²	1.15	Overall tinned copper wire braid screen	20.5 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores + 2 x 1.0 control pair 1.5 mm ²	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.0 control pair	1.5 mm ²	12.7	Overall tinned copper wire braid screen	14.7 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores + 2 x 1.0 control pair 2.5 mm ²	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.0 control pair	2.5 mm ²	7.6	Overall tinned copper wire braid screen	15.4 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores + 2 x 1.0 control pair 4 mm ²	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.0 control pair	4 mm ²	4.7	Overall tinned copper wire braid screen	16.3 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores + 2 x 1.0 control pair 6 mm ²	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.0 control pair	6 mm ²	3.1	Overall tinned copper wire braid screen	17.2 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores + 2 x 1.0 control pair 10 mm ²	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.0 control pair	10 mm ²	1.83	Overall tinned copper wire braid screen	18.7 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.0 control pair	16 mm ²	1.15	Overall tinned copper wire braid screen	20.5 mm

Cable reference	Service class	Drive function	Core / pair design	Power / signal size	Max DC resistance at 20 °C	Shielding	OD guide
cores + 2 x 1.0 control pair 16 mm ²							
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores + 2 x 1.5 brake cores 1.5 mm ²	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.5 brake cores	1.5 mm ²	12.7	Overall tinned copper wire braid screen	15.0 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores + 2 x 1.5 brake cores 2.5 mm ²	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.5 brake cores	2.5 mm ²	7.6	Overall tinned copper wire braid screen	15.8 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores + 2 x 1.5 brake cores 4 mm ²	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.5 brake cores	4 mm ²	4.7	Overall tinned copper wire braid screen	16.7 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores + 2 x 1.5 brake cores 6 mm ²	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.5 brake cores	6 mm ²	3.1	Overall tinned copper wire braid screen	17.6 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores + 2 x 1.5 brake cores 10 mm ²	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.5 brake cores	10 mm ²	1.83	Overall tinned copper wire braid screen	19.1 mm
Servo Cable CP PUR screened power cable 0.6/1 kV Servo drive to motor power 4G power cores + 2 x 1.5 brake cores 16 mm ²	Flexible servo power	Servo drive to motor power	4G power cores + 2 x 1.5 brake cores	16 mm ²	1.15	Overall tinned copper wire braid screen	20.9 mm