



SERVOFLEX PUR-C-583 5830804



Part Number	Stranding	Conductor	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
5830804	8AWG (Class 6) Bare Copper	4	0.700	17.8	430

Recommended Applications: Servoflex PUR shielded, UL/CSA approved and Desina conforming with low capacitance is designed for electronically controlled servo motors and as a power and feedback cable for power supply chains, automatic handling equipment and robots. The polyurethane (PUR) outer sheath is highly cut, notch and abrasion resistant.

Conductor: Bare copper class 6 stranding.

Colour Code: Cores are black with consecutive white numbering 1-3 and green yellow protective conductor.

Shielding: Overall tinned copper braid (minimum 85% coverage).

Jacketing Compound: PUR-based outer sheath, flame retardant and self-extinguishing. Low adhesive and resistant to hydrolysis and microbes.

Minimum Bend Radius:
Fixed installation 5 x OD.
Flexing application 7.5 x OD.

Temperature Range:
For static applications -50°C to + 80°C.
For flexing applications -40°C to + 80°C.

Nominal Voltage Rating: 1000V.

Test Voltage: 4000V.
Control Core 2000V.

Basic Construction: Superfine strands of bare copper, with polypropylene (PP) core insulation. Power cores are black and number coded 1-3, with a green/yellow ground. Power cores are cabled together, with an overall tinned copper braid shield.

Approvals: CSA, UL, CE.
RoHS Compliant.

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