



## SERVOFLEX PUR-C-584 5841204415



Part Number	Stranding	Conductor	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
5841204415	(Class 6) Bare Copper	12awg 4c + 2 x 2 x 16awg	0.610	16.0	295

**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:** Pairs have foil & tinned copper braid. 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) insulation. Power cores are black and number coded 1-3, with a green/yellow ground. Twisted pairs are individually shielded, with a foil and braided shielded, and a tinned copper drain wire. The power cores are cabled together, with an overall tinned copper braided shield.

**Approvals:** CSA, UL, CE.  
RoHS Compliant.

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