



Part Number	Stranding	Conductor	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
2100604S	6AWG (Class 6 Stranding) Bare Copper	4	1.003	25.5	946

**Recommended Applications:**

Continuous flexing, cable carrier, robotic flexing, automated material handling equipment and other flexing applications.

**Basic Construction:**

Extra fine bare copper strands Class 6

**Insulating Compound:**

Specially formulated PVC

**Colour Code:**

Black with white number coding. Conductor count for three conductor cable and beyond includes a green/yellow ground conductor (minimum 30% coverage).

**Shielding:**

Tinned copper braid 85% minimum coverage

**Jacketing Compound:**

Specially formulated oil resistant black PVC

**Resistant to:**

UV, oils, coolants, fuels, chemicals, water and abrasion  
Suitable for extremely harsh environments

**Minimum Bend Radius:**

7.5 x cable diameter in flexing applications  
3 x cable diameter in static applications

**Temperature Range:**

For static applications -40C to +90C  
For flexing applications -5C to +90C

**Nominal Voltage Rating:**

300V

**Test Voltage:**

3000V

**Approvals:**

90C, 300V, CSA, UL, AWM I/II, A/B, CE, pbf, FT1  
RoHS compliant  
Conforms to CE low voltage directive

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