



Part Number	Stranding	Conductor	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
2101825S	18AWG (Class 6 Stranding) Bare Copper	25	0.799	20.3	486

**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:**  
 600V

**Test Voltage:**  
 3000V

**Approvals:**  
 90C, 600V, CSA, UL, AWM I/II, A/B, CE, pbf, FT1  
 RoHS compliant  
 Conforms to CE low voltage directive

1.888.668.3539      289.337.9500      flex@awpinc.com

