



Part Number	Stranding	Conductor	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
2101804S	18AWG (Class 6 Stranding) Bare Copper	4	0.393	10.0	101

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

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