



Part Number	Stranding	Conductor	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
4001809	18AWG (57 x 0.15mm) Bare Copper	9	0.394	10.00	99

Recommended Applications:
 Robotic applications, high speed cable carrier, automated handling equipment, pick and place robots, gantry robots, many high speed applications, tight bend radius applications. This is a small outer diameter cable capable of a tight bend radius.

Basic Construction:
 Extra fine bare copper strands

Insulating Compound:
 Specially formulated TPE

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

Jacketing Compound:
 Specially formulated PUR

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

Minimum Bend Radius:
 5 x cable diameter in flexing applications
 3 x cable diameter in static applications

Temperature Range:
 For static applications -50C to +90C
 For flexing applications -40C 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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