



Part Number	Stranding	Conductor	Nominal Outer Diameter (in)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
4102418D	24AWG Class 6 Bare Copper	18	0.311	7.90	53

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 Class 6

Insulating Compound:

Specially formulated PP

Colour Code:

DIN 47100

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 +80C
For flexing applications -40C to +80C

Nominal Voltage Rating:

300V

Test Voltage:

1500V

Approvals:

80C, 300V, CSA, UL, AWM I/II, A/B, CE, FT1
RoHS compliant
Conforms to CE low voltage directive



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