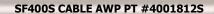


SF400S Super Flex Shielded Control Cable











			Nominal Outer	Nominal Outer	Weight
Part Number	Stranding	Conductor	Diameter (inches)	Diameter (mm)	Lb/1000ft
4001812S	18AWG (57x0.15mm) Bare Copper	12	0.425	10.80	140

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:

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 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

<u>Temperature Range:</u>

For static applications -50C to +80C For flexing applications -40C to +80C

Nominal Voltage Rating:

600V

Test Voltage

3000V

Approvals:

80C, 600V, CSA, UL, AWM I/II, A/B, CE, FT1 RoHS compliant Conforms to CE low voltage directive

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