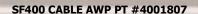


# **SF400 Super Flex Control Cable**













			Nominal Outer	Nominal Outer	Weight
Part Number	Stranding	Conductor	Diameter (inches)	Diameter (mm)	Lb/1000ft
4001807	18AWG (57 x 0.15mm) Bare Copper	7	0.343	8.70	77

# **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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