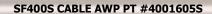


# **SF400S Super Flex Shielded Control Cable**













			Nominal Outer	Nominal Outer	Weight
Part Number	Stranding	Conductor	Diameter (inches)	Diameter (mm)	Lb/1000ft
4001605S	16AWG (84x.15mm) Bare Copper	5	0.358	9.10	95

## **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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