



## HF210S High Flex Shielded Control Cable

ISO 9001  
2008

HF210S Cable AWP Pt# 2101807S



Part Number	Stranding	Conductor	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
2101807S	18AWG (Class 6 Stranding) Bare Copper	7	0.488	12.40	159

### **Recommended Applications:**

Continuous flexing, cable carrier, robotic flexing, automated material handling equipment and other flexing applications.

### **Basic Construction:**

Extra fine bare copper strands Class 6

### **Insulating Compound:**

Specially formulated PVC

### **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 oil resistant black PVC

### **Resistant to:**

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

### **Minimum Bend Radius:**

7.5 x cable diameter in flexing applications  
3 x cable diameter in static applications

### **Temperature Range:**

For static applications -40C to +90C  
For flexing applications -5C 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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