

**FLEXAIR™ SFBC Cable Specification (Lovat Tunnel)**

**Cold Resisting, Compact Flexible Shielded Cable**

Number of Conductors & Size (AWG) 19 C x 16 AWG

Part Number AT019U 16 19 COPOL

600V Compact Flexible Shielded Control Cable  
 Description  
 Suitable for stationary applications,  
 where easy handling and maneuverability is essential.

**Electrical Characteristics**

Voltage Class (Volts): 600V  
 DC Resistance (ohms/km): 13.0 ( 4.0 ohms/Mft )

**Construction Specifications**

Type of Conductor Stranding: 16AWG 26/30AWG Bare Copper  
 Diameter of Conductor Stranding (mm): 1.4 ( 0.057 inches )  
 Conductor Insulation Type: 105C FR TPE  
 Insulation Thickness: 0.51 ( 0.020 inches )  
 Conductor Identification: Conductors color coded to ICEA Table K-2 with the last conductor being a green/yellow ground conductor  
 Inner covering: Clear Polyester Tape Wrap  
 Overall Shielding: 85% Coverage  
 Tinned Copper Braid  
 90C FR PUR (Resistant to oils and cutting fluids)  
 Outer Jacket Material Type: 1.5 ( 0.060 inches )  
 Outer Jacket Thickness: Black with white identification markings and sequential metre marking every metre  
 Outer Jacket Color: SHAWFLEX FLEXAR SFBC UL AWM  
 Jacket Identification: 19 C 16 AWG  
 600V 90C FT1 (MO#) (DATE CODE)  
 (METRE MARKING EVERY METRE)

**Physical Characteristics**

Overall Diameter of Cable (mm): 18.4 ( 0.723 inches )  
 Cable Weight (kg/km): 523 ( 351 lbs/Mft )  
 Maximum Conductor Temperature: 90C

Stationary Use Temperature Range: -50C to 90C  
 Flexible Use Temperature Range: -40C to 90C

Minimum Bending Radius for Stationary Applications: 7 x Cable Diameter  
 Flexing Applications: 15 x Cable Diameter

**Specification**

Manufactured to CSA and UL AWM specifications

Indoor & outdoor use, where exposed to abrasion, electrical interference, and EMI emissions,  
 in wet, dry, and extremely cold conditions.

**SHAWFLEX**