

AT019U1612C0P0L



12C 16 26/30B BS TPE Tinned Cu Braid Arm. PUR 600V Flexar SFBC

Specification UL AWM

Electrical Characteristics

Voltage Class (volts): 600
Max. DC Conductor Res. (ohms/Mft @25C): 3.957 (12.98 ohms/km)

Construction Specifications

Type of Conductor Stranding: 16/26 X 30 BARE COPPER (Bunched K Stranding)
Diameter of Conductor (in): 0.059 (1.50 mm)
Conductor Insulation Type: FR TPE
Insulation Thickness (in): 0.020 (0.51 mm)
Conductor Identification: Lovat Tunnel Colour Code

Overall Separator Type: Clear Mylar Tape (2 mil thick)

Shield Type: Tinned Copper Braid, 85% Coverage
Jacket Material Type & Colour: 90C Polyurethane, BLACK
Average Outer Jacket Thickness (in): 0.045
Nominal Overall Diameter of Cable (in): 0.557 (14.1 mm)
Jacket Identification: SHAWFLEX FLEXAR SFBC \ AWM 12C
16AWG --- CSA AWM I A/B II A/B FT1
600V 90C (CE)
AT019U1612C0P00 (mo#) (month year)
(sequential footage marking every 2 feet)

Physical Characteristics

Cable Weight (lbs/Mft): 208 (309 kg/km)
Max. Pulling Tension (Pulling Eye) (lbs): 247 (112 kg)
Max. Pulling Tension (Cable Grip) (lbs): 73 (33 kg)
Min. Bending Radius: Permanent (in): 4.5 (113 mm)
Min. Bending Radius: Pull (in): 6.7 (170 mm)
Max. Conductor Temperature (C): 105C TPE
Recommended Min. Install Temp. (C): -10C
Copper Content (lbs/Mft): 128.9 (191.8692 kg/km)
Flame Propagation Test Rating: FT1

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