

## 73602W Multi-Conductor - 600V Unshielded, Light to Moderate Flexing Applications Up to 1 Million Flex Life Cycles



For more Information  
please call

1-800-Belden1

### General Description:

16 AWG stranded (26x30) bare copper conductors, PVC insulation, oil-resistant PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	26x30	BC - Bare Copper

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.022

Insulation Color Code Chart:

Color	Description
Black	Individually Numbered

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.035

#### Overall Cable

Overall Nominal Diameter: 0.284 in.

### Mechanical Characteristics (Overall)

Storage Temperature Range: -40°C To +90°C

Installation Temperature Range: Flexing: -5°C To +90°C

Bulk Cable Weight: 80 lbs/1000 ft.

Max. Recommended Pulling Tension: 41 lbs.

Min. Bend Radius/Minor Axis: 1.400 in.

Min. Bend/Installation: 1.400 in.

Min. Bend Radius (Continuous Flexing): 1.400 in.

Flex Cycle Rating: 1 Million Flexes

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

AWM Specification: UL Style 2587 (600 V 90°C)

CSA Specification: 600 V AWM I/II A/B

EU Directive 2011/65/EU (ROHS II): Yes

MII Order #39 (China RoHS): Yes

Other Specification: VDE 0472, Section 803 Oil Test, EU Low Voltage Directive 2014/35/EC, EU Directive 2011/65/EU(RoHS2), REACH Regulation (EC 1907/2006), California Proposition 65

#### Flame Test

CSA Flame Test: FT1

#### Suitability

Suitability - Burial: Yes

### Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
66.000

Nom. Inductance:

## ENGLISH MEASUREMENT VERSION

### 73602W Multi-Conductor - 600V Unshielded, Light to Moderate Flexing Applications Up to 1 Million Flex Life Cycles

**Inductance (µH/ft)**

0.180

**Max. Capacitance Conductor to Conductor:**
**Freq. (MHz)    Capacitance (pF/ft)**

0.001    34.000

**Nom. Conductor DC Resistance:**
**DCR @ 20°C (Ohm/1000 ft)**

4.100

**Max. Operating Voltage - UL:**
**Voltage**

600V

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
73602W 008100	100 FT	9.500 LB	GRAY		16AWG 26/30 2C UNSHIELDED
73602W 0081000	1,000 FT	84.000 LB	GRAY		16AWG 26/30 2C UNSHIELDED
73602W 008500	500 FT	43.500 LB	GRAY		16AWG 26/30 2C UNSHIELDED

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