

## METRIC MEASUREMENT VERSION

**73402W 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:

14 AWG stranded (41x30) bare copper conductors, PVC insulation, oil-resistant PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	14	41x30	BC - Bare Copper

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.559

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 (mm)
PVC - Polyvinyl Chloride	1.118

#### Overall Cable

Overall Nominal Diameter: 8.382 mm

### Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +90°C
Installation Temperature Range:	Flexing: -5°C To +90°C
Bulk Cable Weight:	166.678 Kg/Km
Max. Recommended Pulling Tension:	284.685 N
Min. Bend Radius/Minor Axis:	43.180 mm
Min. Bend/Installation:	43.180 mm
Min. Bend Radius (Continuous Flexing):	43.180 mm
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)
60.000

Nom. Inductance:

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**Inductance (µH/m)**

0.558

**Max. Capacitance Conductor to Conductor:**

**Freq. (MHz)    Capacitance (pF/m)**

0.001            118.116

**Nom. Conductor DC Resistance:**

**DCR @ 20°C (Ohm/km)**

8.531

**Max. Operating Voltage - UL:**

**Voltage**

600V

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
73402W 008100	100 FT	14.700 LB	GRAY		14AWG 41/30 2C UNSHIELDED
73402W 0081000	1,000 FT	115.000 LB	GRAY		14AWG 41/30 2C UNSHIELDED
73402W 008500	500 FT	60.000 LB	GRAY		14AWG 41/30 2C UNSHIELDED

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