

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

METRIC MEASUREMENT VERSION

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Flame Test

CSA Flame Test: FT1

Suitability

Suitability - Burial: Yes

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

60.000

Nom. Inductance:

Inductance (µH/m)

0.558

Max. Capacitance Conductor to Conductor:

Freq. (MHz) Capacitance (pF/m)

0.001	118.116
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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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