

METRIC MEASUREMENT VERSION

73405W 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
4	14	41x30	BC - Bare Copper

Total Number of Conductors: 5

Ground Wire

Ground Wire (Y/N):	Y
Ground Wire AWG:	14
Ground Wire Stranding:	41x30
Ground Wire Conductor Material:	BC - Bare Copper
Ground Wire Insulation Material:	PVC - Polyvinyl Chloride

Insulation**Insulation Material:**

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

Insulation Color Code Chart:

Color	Description
Black	Individually Numbered
Yellow/Green	Ground

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.397

Overall Cable

Overall Nominal Diameter: 11.151 mm

Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +90°C
Installation Temperature Range:	Flexing: -5°C To +90°C
Bulk Cable Weight:	383.956 Kg/Km
Max. Recommended Pulling Tension:	716.160 N
Min. Bend Radius/Minor Axis:	55.880 mm
Min. Bend/Installation:	55.880 mm
Min. Bend Radius (Continuous Flexing):	55.880 mm
Flex Cycle Rating:	1 Million Flexes

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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
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Suitability

Suitability - Burial:	Yes
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Electrical Characteristics (Overall)

Nom. Inductance:

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
73405W 008100	100 FT	31.500 LB	GRAY		14AWG 41/30 5C UNSHIELDED
73405W 0081000	1,000 FT	272.000 LB	GRAY		14AWG 41/30 5C UNSHIELDED

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