



For more Information  
please call

1-800-Belden1

## General Description:

14 AWG stranded (41x30) bare copper conductors, PVC insulation, oil-resistant PVC inner jacket, tinned copper braid shield, 85% coverage, oil-resistant overall PVC jacket.

## Physical Characteristics (Overall)

### Conductor

#### AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (mm)
4	14	41x30	BC - Bare Copper	1.880

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)	Dia. (mm)
PVC - Polyvinyl Chloride	0.559	2.997

#### Insulation Color Code Chart:

Color	Description
Black	Individually Numbered
Yellow/Green	Ground

### Inner Jacket

#### Inner Jacket Material:

Inner Jacket Material	Nom Wall (mm)	Nom. Dia. (mm)
PVC - Polyvinyl Chloride	0.889	10.135

### Outer Shield

#### Outer Shield Material:

Outer Shield Material	Coverage (%)
TC - Tinned Copper	85.000

Outer Shield Separator Material: Tissue Tape, 25#37; Overlap, Min.

### Outer Jacket

#### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.321

### Overall Cable

Overall Nominal Diameter: 13.640 mm

## Mechanical Characteristics (Overall)

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

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

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

Bulk Cable Weight: 595.280 Kg/Km

## METRIC MEASUREMENT VERSION

### 73405WS Multi-Conductor - 600V Shielded, Light to Moderate Flexing Applications Up to 1 Million Flex Life Cycles

<b>Max. Recommended Pulling Tension:</b>	778.435 N
<b>Min. Bend Radius/Minor Axis:</b>	68.580 mm
<b>Min. Bend/Installation:</b>	68.580 mm
<b>Min. Bend Radius (Continuous Flexing):</b>	68.580 mm
<b>Flex Cycle Rating:</b>	1 Million Flexes

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	THHN/THWN Singles
<b>AWM Specification:</b>	UL Style 2587 (600 V 90°C)
<b>CSA Specification:</b>	600 V AWM I/II A/B
<b>EU Directive 2011/65/EU (ROHS II):</b>	Yes
<b>Other Specification:</b>	AWM/STYLE 2587, AWM I/II A/B, FT1, 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

<b>CSA Flame Test:</b>	FT1
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## Electrical Characteristics (Overall)

### Nom. Inductance:

<b>Inductance (µH/m)</b>
0.558

### Nom. Capacitance Cond. to Other Cond. & Ground:

Description	Freq. (kHz)	Capacitance (pF/m)
Nom. Cond. to Cond	1.000	187.017
Nom. Ground.	1.000	337.943

### Nom. Conductor DC Resistance:

<b>DCR @ 20°C (Ohm/km)</b>
8.531

### Nominal Outer Shield DC Resistance:

<b>DCR @ 20°C (Ohm/km)</b>
5.086

## Put Ups and Colors:

No put ups and colors are available for this product

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