

## 73407W 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
6	14	41x30	BC - Bare Copper

Total Number of Conductors: 7

**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 (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	0.058

**Overall Cable**

Overall Nominal Diameter: 0.479 in.

**Mechanical Characteristics (Overall)**

Storage Temperature Range:	-40°C To +90°C
Installation Temperature Range:	Flexing: -5°C To +90°C
Bulk Cable Weight:	328 lbs/1000 ft.
Max. Recommended Pulling Tension:	225 lbs.
Min. Bend Radius/Minor Axis:	2.400 in.
Min. Bend/Installation:	2.400 in.
Min. Bend Radius (Continuous Flexing):	2.400 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
MIL 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**



ENGLISH MEASUREMENT VERSION

73407W Multi-Conductor - 600V Unshielded, Light to Moderate Flexing Applications Up to 1 Million Flex Life Cycles

CSA Flame Test:	FT1
Suitability	
Suitability - Burial:	Yes

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
0.170

Max. Capacitance Conductor to Conductor:

Freq. (MHz)	Capacitance (pF/ft)
0.001	36.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
2.600

Max. Operating Voltage - UL:

Voltage
600V

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
73407W 008100	100 FT	37.500 LB	GRAY		14AWG 41/30 7C UNSHIELDED
73407W 008500	500 FT	178.000 LB	GRAY		14AWG 41/30 7C UNSHIELDED

Revision Number: 0    Revision Date: 09-27-2017

© 2017 Belden, Inc.  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Belden Wire & Cable:

[73407W 008100](#) [73407W 008500](#)