

73204W 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:

12 AWG stranded (65x30) bare copper conductors, PVC insulation, oil-resistant PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	12	65x30	BC - Bare Copper

Total Number of Conductors: 4

Ground Wire

Ground Wire (Y/N): Y

Ground Wire AWG: 12

Ground Wire Stranding: 65x30

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
Yellow/Green	Ground

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.080

Overall Cable

Overall Nominal Diameter: 0.500 in.

Mechanical Characteristics (Overall)

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

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

Bulk Cable Weight: 374 lbs/1000 ft.

Max. Recommended Pulling Tension: 204 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

Min. Bend/Installation: 2.500 in.

Min. Bend Radius (Continuous Flexing): 2.500 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

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

73204W Multi-Conductor - 600V Unshielded, Light to Moderate Flexing Applications Up to 1 Million Flex Life Cycles

Flame Test

CSA Flame Test: FT1

Suitability

Suitability - Burial: Yes

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
0.160

Max. Capacitance Conductor to Conductor:

Freq. (MHz)	Capacitance (pF/ft)
0.001	39.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.650

Max. Operating Voltage - UL:

Voltage
600V

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
73204W 008100	100 FT	24.500 LB	GRAY		12AWG 65/30 4C UNSHIELDED
73204W 0081000	1,000 FT	388.000 LB	GRAY		12AWG 65/30 4C UNSHIELDED
73204W 008500	500 FT	108.000 LB	GRAY		12AWG 65/30 4C 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.