

## METRIC MEASUREMENT VERSION

73612W 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:

16 AWG stranded (26x30) bare copper conductors, PVC insulation, oil-resistant PVC jacket.

## Physical Characteristics (Overall)

## Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
11	16	26x30	BC - Bare Copper

Total Number of Conductors: 12

## Ground Wire

Ground Wire (Y/N):	Y
Ground Wire AWG:	16
Ground Wire Stranding:	26x30
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	0.889

## Overall Cable

Overall Nominal Diameter: 13.614 mm

## Mechanical Characteristics (Overall)

Storage Temperature Range:	-40°C To +90°C
Installation Temperature Range:	Flexing: -5°C To +90°C
Bulk Cable Weight:	565.516 Kg/Km
Max. Recommended Pulling Tension:	1089.809 N
Min. Bend Radius/Minor Axis:	68.580 mm
Min. Bend/Installation:	68.580 mm
Min. Bend Radius (Continuous Flexing):	68.580 mm
Flex Cycle Rating:	1 Million Flexes

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; 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

# Detailed Specifications & Technical Data



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#### Flame Test

CSA Flame Test: FT1

#### Suitability

Suitability - Burial: Yes

#### Electrical Characteristics (Overall)

##### Nom. Inductance:

Inductance (µH/m)  
0.591

##### Max. Capacitance Conductor to Conductor:

Freq. (MHz)	Capacitance (pF/m)
0.001	111.554

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)  
13.452

##### Max. Operating Voltage - UL:

Voltage  
600V

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
73612W 008100	100 FT	43.400 LB	GRAY		16AWG 26/30 12C UNSHIELDED
73612W 0081000	1,000 FT	416.000 LB	GRAY		16AWG 26/30 12C UNSHIELDED

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