

## 76112WS Multi-Conductor - 300V Foil/Spiral Shield, Continuous Flexing Data Applications Up to 6 Million Flex Life Cycles



For more Information  
please call

1-800-Belden1

### General Description:

26 AWG stranded (7x33) tinned copper conductors, PVC insulation, Aluminum/Polyester Foil Shield, Tinned copper spiral shield, 90% coverage, oil-resistant PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
12	26	7x34	TC - Tinned Copper

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.010

Insulation Color Code Chart:

Number	Color
1	Black
2	Red
3	White
4	Green
5	Orange
6	Blue
7	Brown
8	Yellow
9	Violet
10	Slate
11	Pink
12	Tan

#### Outer Shield

Outer Shield Material:

Layer #	Type	Outer Shield Material	Coverage (%)
1	Tape	Aluminum/Mylar	100.000
2	Serve	TC - Tinned Copper	90.000

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.040

#### Overall Cable

Overall Nominal Diameter: 0.303 in.

### Mechanical Characteristics (Overall)

Bulk Cable Weight:	54 lbs/1000 ft.
Max. Recommended Pulling Tension:	33 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:	6 Million Flexes

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CMG
EU Directive 2011/65/EU (ROHS II):	Yes
MII Order #39 (China RoHS):	Yes

Customer Part Number Reference Specification: AWM/STYLE 10002, AWM/STYLE 2661, CSA AWM I/II A/B, EU Directive 2011/65/EU(RoHS2), REACH Regulation (EC 1907/2006), California Proposition 65

## ENGLISH MEASUREMENT VERSION

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#### Flame Test

CSA Flame Test: FT4

#### Suitability

Suitability - Burial: Yes

#### Electrical Characteristics (Overall)

##### Nom. Inductance:

Inductance (µH/ft)
0.200

##### Nom. Capacitance Conductor to Conductor:

Freq. (MHz)	Capacitance (pF/ft)
0.001	28.000

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
42.000

##### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
3.300

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

Voltage
300V

#### Notes (Overall)

**Notes:** Temperature Range -10 to 105°C(static), +5 to 105°C (dynamic)

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 0    Revision Date: 09-27-2017

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