

METRIC MEASUREMENT VERSION

76107WS 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
7	26	7x34	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

Insulation Color Code Chart:

Number	Color
1	Black
2	Red
3	White
4	Green
5	Orange
6	Blue
7	Brown

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 (mm)
PVC - Polyvinyl Chloride	1.016

Overall Cable

Overall Nominal Diameter: 6.020 mm

Mechanical Characteristics (Overall)

Bulk Cable Weight:	53.575 Kg/Km
Max. Recommended Pulling Tension:	90.743 N
Min. Bend Radius/Minor Axis:	48.260 mm
Min. Bend/Installation:	48.260 mm
Min. Bend Radius (Continuous Flexing):	48.260 mm
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

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MII Order #39 (China RoHS):	Yes
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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
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Flame Test

CSA Flame Test:	FT4
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Suitability

Suitability - Burial:	Yes
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/m)
0.656

Nom. Capacitance Conductor to Conductor:

Freq. (MHz)	Capacitance (pF/m)
0.001	91.868

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
137.802

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
17.717

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:

No put ups and colors are available for this product

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

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