Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



76025WS 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

Description

28 AWG stranded (7x36) 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
25	28	7x36	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
13	Red/Green
14	Red/Yellow
15	Red/Black
16	White/Black
17	White/Red
18	White/Green
19	White/Yellow
20	White/Blue
21	White/Brown
22	White/Orange
23	White/Slate
24	White/Violet
25	White/Black/Red

Outer Shield:

Outer Shield Material

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

Outer Jacket:

Outer Jacket Material

Outer Jacket Ma	terial No	om. Wall Thickne	ss (in.)
PVC - Polyvinyl Ch	nloride	0.040	

Overall Cable:

Overall Nominal Diameter:

0.329 in.

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76025WS Multi-Conductor - 300V Foil/Spiral Shield, Continuous Flexing Data Applications Up to 6 Million Flex Life Cycles

echanical Characteristics (Overall):		
Bulk Cable Weight:	66 lbs/1000 ft.	
Max. Recommended Pulling Tension:	42 lbs.	
Min. Bend Radius/Minor Axis:	2.600 in.	
Min. Bend/Installation:	2.600 in.	
Min. Bend Radius (Continuous Flexing):	2.600 in.	
Flex Cycle Rating	6 Million Flexes	

Applicable Specifications and Agency Compliance (Overall):

Applicable Standards & Environmental Programs NEC/(UL) Specification	s: 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
Flame Test: CSA Flame Test	FT4
Suitability:	

Yes

Electrical Characteristics (Overall):

Nom. Inductance

Suitability - Burial



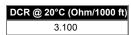
Nom. Capacitance Conductor to Conductor



Nom. Conductor DC Resistance



Nominal Outer Shield DC Resistance



Max. Operating Voltage - UL



Notes (Overall):

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

Revision Number: 0 Revision Date: 09-28-2017

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