Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

73402W 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:

14 AWG stranded (41x30) bare copper conductors, PVC insulation, oil-resistant PVC jacket.

Arc: Arc:	Physical Characteristics (Overall)				
v 14 41x30 BC-Bare Cooper Insulation Namerical Waterials Namerical Waterials Namerical Waterials Insulation Temperature Range: 40°C To 190°C Namerical Waterials Namerical Waterials Max Namerical Waterials Namerical Waterials Namerical Waterials Namerical Waterials Namerical Waterials Max Namerical Waterials Namerical Wateria	Conductor AWG:				
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Insulation Material Waterial Waterial Waterial Material Waterial Coole Code Chart: Insulation Material Waterial Wateri	2 14 41x30 BC - Bare Copper				
PVC - Proyving Chicone 0.022 INUELING Color Code Chart: Color Benciption Elect. Individually Numbered Diver Shield Materia: Outer Shield Materia: Diver Shield Materia: Overall Color Diver Shield Materia: Overall Color Diver Shield Materia: Morall Bonnotor: 0.300 in. Buik Calor Meight: 100° C 160°C Installation Temperature Range: 40°C To 160°C Buik Calole Weight: 12 Borlooo R. Max. Recommended Pulling Tension: 64 Bus. Min. Bend Radius/Miner Axis: 1700 in. Flac Cycle Rating: 1700 in. Mine Flored Radius Continuous Flaving): 1700 in. Flox Cycle Rating: U. Skyle 2887 (600 V 80°C) <th></th> <th></th>					
Insulation Color Code Char: Biland: [Individually Numbered] Outer Shield Outer Shield Material: Unter Shield Material: Outer Jacket Material: Outer Jacket Material: Outer Jacket Material: Outer Jacket Material: Overall Cable Overall Cable Overall Nominal Diameter: 0.330 in. Elechanical Characteristics (Overall) Storage Temperature Range: Flexing5°C To 190°C Installation Emperature Range: Plexing5°C To 190°C Muk Cable Weight: 112 Ibar/1000 ft. Max. Recommended Pulling Tension: 64 lbs. Min. Bend Radius/Minon Xaite: 1.700 in. Min. Bend Radius (Continuous Flexing): 1.700 in. Plex Cycle Rating: 1 Million Flexizes Storage Temperature Range: Gott VAWM IMI A/B EU Directive 2011/05/EU (ROHS II): Yes MWN Specification: UL. Syle 2587 (600 V 90°C) CSA Flame Test: Sout VAWM IMI A/B EU Di	, ,				
Bital: Individually Numbered Duter Shield Shield Matinal: Data: Shield Matinal: Shield Matinal: 120 In 100 In Installation: 1700 In Min. Bend Radius (Continuous Flexing): 1700 In Flox Cycle Raing: U. Slyle 287 (600 Y 90°C) Shield Matinal: <t< th=""><th></th><th></th></t<>					
Back [ndividually Numbered] Dire Shield Material: Moninal Diameter: Baik Cable Weight: Installation: Emperature Range: Pixing: Shield Shield Material: Min. Bend Radius (continuous Flexing): In Bend Radius (continuous Flexing): In Bend Radius (continuous Flexing): In Min Bend Radius (continuous Flexing): Vis: Shield Shield Standards & Environmental Programs Min Bend Radius (Continuous Flexing): <th></th> <th></th>					
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Utilize Jacket Material Nom. Wall Thickness (IN) PVC - Polyming Chloride [0.04 0.330 in. Outer Jacket Material Nom. Wall Thickness (IN) PVC - Polyming Chloride [0.04 0.330 in. Storage Temperature Range: 0.330 in. Installation Temperature Range: 40°C To +90°C Mike Cable Weight: 112 lbs/1000 ft. Max Recommended Pulling Tension: 64 lbs. Mike Reduite/Minor Axis: 1.700 in. Min. Bend Radius/Minor Axis: 1.700 in. Min. Bend Radius (Continuous Flexing): 1.700 in. Flex Cycle Rating: 1.700 in. Min. Bend Radius (Continuous Flexing): 1.700 in. Flex Cycle Rating: 1.700 in. Min. Bend Radius (Continuous Flexing): 1.700 in. Kaperification: 0.00 vAWM /// IAB Explore Standards & Environmental Programs Standards & Environmental Programs MiM Specification: 0.00 VAWM /// IAB Explore Vire Standards & Environmental Programs VDE 0472, Section 803 Oil Test, EU Low Voltage Directive 2014/35/EC, EU Directive 2014/35/					
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Overall Nominal Diameter: 0.330 in. Acc-Lance Clear acceristics (Overall) Storage Temperature Range: -40°C To +90°C Installation Temperature Range: Flexing5°C To +90°C Installation Temperature Range: Flexing5°C To +90°C Buik Cable Weight: 112 Ibs/1000 ft. Max. Recommended Pulling Tension: 64 Ibs. Min. Bend Radius/Minor Axis: 1.700 in. Min. Bend Radius/Minor Axis: 1.700 in. Min. Bend Radius (Continuous Flexing): 1.700 in. Flex Cycle Rating: 1 Million Flexes Applicable Specifications and Agency Compliance (Overall) Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs AWM Specification: 000 V AWM //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 2014/					
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Installation Temperature Range: Flexing: -6°C To +90°C Bulk Cable Weight: 112 lbs/1000 ft. Max. Recommended Pulling Tension: 64 lbs. Min. Bend Radius/Minor Axis: 1.700 in. Min. Bend Radius (Continuous Flexing): 1.700 in. Min. Bend Radius (Continuous Flexing): 1.700 in. Flex Cycle Rating: 1 Million Flexes pplicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs AWM Specification: 0L Style 2587 (600 V 90°C) CSA Specification: 600 V AWM I/II A/B EU Directive 2011/65/EU (ROHS II): Yes Mill Order #39 (China RoHS): Yes Other Specification: VDE 0472, Section 803 Oil Test, EU Low Voltage Directive 2014/35/EC, EU Directive 2014/35/EC, EU Directive 2011/65/EU (ROHS 2), REACH Regulation (EC 1907/2006), California Proposition 65 Flame Test CSA Flame Test: FT1 Suttability F1	lechanical Characteristics (Overall)				
Bulk Cable Weight: 112 lbs/1000 ft. Max. Recommended Pulling Tension: 64 lbs. Min. Bend Radius/Minor Axis: 1.700 in. Min. Bend Radius (Continuous Flexing): 1.700 in. Min. Bend Radius (Continuous Flexing): 1.700 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 (ROHS 2), REACH Regulation (EC 1907/2006), California Proposition 65 Flame Test: FT1 Sutability Sutability	Storage Temperature Range:	-40°C To +90°C			
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Min. Bend Radius/Minor Axis: 1.700 in. Min. Bend/Installation: 1.700 in. Min. Bend Radius (Continuous Flexing): 1.700 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: 000 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 (ROHS 2), REACH Regulation (EC 1907/2006), California Proposition 85 Flame Test CSA Flame Test: Suttability F1	Bulk Cable Weight:	112 lbs/1000 ft.			
Min. Bend/Installation: 1.700 in. Min. Bend Radius (Continuous Flexing): 1.700 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 (ROHS II): Flame Test CSA Flame Test: CSA Flame Test: FT1 Suitability FT1	Max. Recommended Pulling Tension:	64 lbs.			
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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 Flame Test CSA Flame Test: CSA Flame Test: FT1 Suitability FT1	Min. Bend Radius (Continuous Flexing):	1.700 in.			
Applicable Standards & Environmental Programs UL Style 2587 (600 V 90°C) AWM 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 Flame Test CSA Flame Test: CSA Flame Test: FT1	Flex Cycle Rating:	1 Million Flexes			
Applicable Standards & Environmental Programs UL Style 2587 (600 V 90°C) AWM Specification: 000 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 (ROHS 2), REACH Regulation (EC 1907/2006), California Proposition 65 Flame Test CSA Flame Test: CSA Flame Test: FT1 Suitability FT1	Applicable Specifications and Agency Compl	iance (Overall)			
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 Flame Test CSA Flame Test: CSA Flame Test: FT1 Suitability					
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 2014/35/EC, EU Directive 2011/65/EU(ROHS2), REACH Regulation (EC 1907/2006), California Proposition 65 Flame Test CSA Flame Test: CSA Flame Test: FT1 Suitability FT1	AWM Specification:	UL Style 2587 (600 V 90°C)			
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 Flame Test CSA Flame Test: FT1 Suitability	CSA Specification:	600 V AWM I/II A/B			
Other Specification: VDE 0472, Section 803 Oil Test, EU Low Voltage Directive 2014/35/EC, EU Directive 2011/35/EC, EU Directive 2011/35/EC, EU Directive 2011/65/EU(RoHS2), REACH Regulation (EC 1907/2006), California Proposition 65 Flame Test CSA Flame Test: CSA Flame Test: FT1	EU Directive 2011/65/EU (ROHS II):	Yes			
2011/65/EU(RoHS2), REACH Regulation (EC 1907/2006), California Proposition 65 Flame Test CSA Flame Test: FT1 Suitability	MII Order #39 (China RoHS):	Yes			
CSA Flame Test: FT1	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			
Suitability	Flame Test				
-	CSA Flame Test:	FT1			
Suitability - Burial: Yes	Suitability				
	Suitability - Burial:	Yes			
	Nom. Characteristic Impedance:				



Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

73402W Multi-Conductor - 600V Unshielded, Light to Moderate Flexing Applications Up to 1 Million Flex Life Cycles

Inductance	(µH/ft)	
0.170		
Max. Capacitan	ce Conductor to	Conductor:
Freq. (MHz)	Capacitance (pF	/ft)
0.001	36.000	
Nom. Conducto	or DC Resistance	:
DCR @ 20°C	C (Ohm/1000 ft)	
2.600		
lax. Operating	Voltage - UL:	
Voltage		
600V		

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
73402W 008100	100 FT	14.700 LB	GRAY		14AWG 41/30 2C UNSHIELDED
73402W 0081000	1,000 FT	115.000 LB	GRAY		14AWG 41/30 2C UNSHIELDED
73402W 008500	500 FT	60.000 LB	GRAY		14AWG 41/30 2C UNSHIELDED

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