## **Detailed Specifications & Technical Data**



METRIC MEASUREMENT VERSION

76218WS 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:**

24 AWG stranded (10x34) tinned copper conductors, PVC insulation, Aluminum/Polyester Foil Shield, Tinned copper spiral shield, 90% coverage, oil-resistant PVC jacket.

ductor									
	narac	lens	tics (Ov	eran	)				
NG:									
			-		luctor Mater				
18		24	10x34	TC -	Tinned Coppe	er			
lation									
sulation			14/-11 71	1 - 1					
				lickne	ess (mm)				
			de 0.254						
sulation Number			hart:						
1	Black								
2	Red		-						
3	White		-						
4	Greer		-						
5	Orang	je	-						
6	Blue	-	1						
7	Browr	ı	1						
8	Yellov	v	1						
9	Violet		1						
10	Slate								
11	Pink								
12	Tan		-						
13	Red/C		-						
14 15	Red/Y	ellow	-						
15		/Black	-						
10	I A A LITTE								
17	White	/Red	-						
17 18	White White	/Red /Greer	-						
18	White		-						
	White	/Greer	-						
18 er Shiel uter Shie	White d Id Mate	/Green		terial	Coverage (	%)			
18 er Shiel uter Shie Layer # 1	White d Id Mate Type Tape	/Green	r Shield Ma num/Mylar		100.000	%)			
18 er Shiel uter Shie Layer #	White d Id Mate Type Tape	/Green	r Shield Ma			%)			
18 er Shiel uter Shie Layer # 1 2 er Jacko	White d Id Mate Type Tape Serve et	/Green erial: Outer Alumi TC - <sup>-</sup>	r Shield Ma num/Mylar		100.000	%)			
18 er Shiel uter Shie Layer # 1 2 er Jacke	White d Id Mate Type Tape Serve et cet Mate	/Green erial: Outer Alumi TC - <sup>-</sup> erial:	r Shield Ma num/Mylar Finned Copp	ber	100.000 90.000				
18 er Shiel uter Shie 1 2 er Jacke Outer Jack	White d Id Mate Type Tape Serve et et acket Mate	/Green erial: Outer Alumi TC - <sup>-</sup> erial: Iateria	r Shield Ma num/Mylar Finned Copp	ber	100.000				
18 er Shiel uter Shie 1 2 er Jacke Outer Jack	White d Id Mate Type Tape Serve et et acket Mate	/Green erial: Outer Alumi TC - <sup>-</sup> erial: Iateria	r Shield Ma num/Mylar Finned Copp	ber	100.000 90.000				
18 er Shiel uter Shiel Layer # 1 2 er Jacke uter Jack Outer J. PVC - P	White d Id Mate Type Tape Serve et set Mate acket N rolyvinyl	/Green erial: Outer Alumi TC - <sup>-</sup> erial: Iateria	r Shield Ma num/Mylar Finned Copp	ber	100.000 90.000				
18 er Shiel uter Shiel Layer # 1 2 er Jacke uter Jack Outer J. PVC - P	White d Id Mate Type Tape Serve et set Mate acket N olyvinyl	/Green erial: Outer Alumi TC - <sup>-</sup> erial: fateria Chlori	r Shield Ma num/Mylar Finned Copy I Nom. W de 1.016	ber	100.000 90.000			8.306 mm	
18 er Shiel uter Shiel 1 2 er Jack uter Jack Outer J PVC - P rall Cab	White d Id Mate Tape Serve et set Mate acket N olyvinyl Dle Nomina	/Green orial: Outer Alumi TC - <sup>-</sup> erial: Iateria Chlori	r Shield Ma num/Mylar Finned Copp I Nom. V de   1.016 heter:	oer /all Ti	100.000 90.000			8.306 mm	
18 er Shiel uter Shiel 1 2 er Jack uter Jack Outer J PVC - P rall Cab	White d Id Mate Tape Serve et set Mate acket N olyvinyl Dle Nomina	/Green orial: Outer Alumi TC - <sup>-</sup> erial: Iateria Chlori	r Shield Ma num/Mylar Finned Copy I Nom. W de 1.016	oer /all Ti	100.000 90.000			8.306 mm	
18 ar Shiel Iter Shiel Layer # 1 2 ar Jacke Iter Jacke outer J. PVC - P rall Cab Overall I hanica	White d Id Mate Type Tape Serve Serve et et acket M olyvinyl Dle Nomina	/Greer rial: Outer Alumi TC - <sup>-</sup> erial: Interial: Chlori I Diarr racte	r Shield Ma num/Mylar Finned Copp I Nom. V de   1.016 heter:	oer /all Ti	100.000 90.000			8.306 mm 107.150 K	g/Km
18 Layer # 1 2 er Jacko tter Jacko Outer Jacko PVC - P rall Cab Overall I hanica Bulk Cal	White d Id Mate Type Tape Serve et et et Mate acket N rolyvinyl Die Nomina Li Cha ble Wei	/Greer rial: Outer Alumi TC - orial: Iateria Chlori I Diam racte ght:	r Shield Ma num/Mylar Finned Copp I Nom. V de   1.016 heter:	oer /all Ti	100.000 90.000 hickness (mr				•
18 er Shiel uter Shiel Layer # 1 2 er Jacke ter Jacke outer J. PVC - P rall Cab Overall I hanica Bulk Cal Max. Rep	d dld Mate Type Tape Serve et et et Modyvinyl ole Nomina l Cha ble Wei	/Greer rial: Outer Alumi TC - <sup>-</sup> prial: Internal: Internal: racte ght: nded I	r Shield Ma num/Mylar Finned Copp I Nom. W de   1.016 neter: pristics (	oer /all Ti	100.000 90.000 hickness (mr			107.150 K	
18 ar Shiel Iter Shie Layer # 1 2 ar Jacke Iter Jacke outer Jacke Outer J PVC - P rall Cab Overall I hanica Bulk Cal Max. Ree Min. Ber	White d Id Mate Type Tape Serve Serve et tet Mate acket N oolyvinyl Dle Nomina I Cha ble Wei comme	/Greer rial: Outer Alumi TC rial: Iateria Chlori I Diam racte ght: nded l us/Mir	r Shield Ma num/Mylar Finned Copy I Nom. V de 1.016 Neter: Pristics ( Pulling Ten nor Axis:	oer /all Ti	100.000 90.000 hickness (mr			107.150 K 284.685 N	n
18 er Shiel uter Shiel Layer # 1 2 er Jack Outer Jack Outer Jack Outer J PVC - P rall Cat Bulk Cal Max. Rev Min. Ber Min. Ber	d d d d d d d d d d d d d d d d d d d	/Greer rial: Outer Alumin TC - <sup>-</sup> rial: Internal: Chlori Internal: Internal: Chlori Internal: Inte	r Shield Ma num/Mylar Finned Copp I Nom. Vi de   1.016 eristics ( Pulling Ten nor Axis: ::	ove Sion:	100.000 90.000 hickness (mr			107.150 K 284.685 N 66.040 mn 66.040 mn	n
18 er Shiel uter Shiel 1 2 er Jack uter Jack Outer J PVC - P rall Cat Overall I hanica Bulk Cal Max. Rec Min. Ber Min. Ber	White d Id Mate Type Tape Serve et et et Mate acket N Olyvinyl Dle Nomina d Comme d Radii d/Insta	/Greer rial: Outer Alumi TC	r Shield Ma num/Mylar Finned Copy I Nom. V de 1.016 Neter: Pristics ( Pulling Ten nor Axis:	ove Sion:	100.000 90.000 hickness (mr			107.150 K 284.685 N 66.040 mn 66.040 mn	n n n
18 er Shiel uter Shiel Layer # 1 2 er Jack Outer Jack Outer Jack Outer J PVC - P rall Cat Bulk Cal Max. Rev Min. Ber Min. Ber	White d Id Mate Type Tape Serve et et et Mate acket N Olyvinyl Dle Nomina d Comme d Radii d/Insta	/Greer rial: Outer Alumi TC	r Shield Ma num/Mylar Finned Copp I Nom. Vi de   1.016 eristics ( Pulling Ten nor Axis: ::	ove Sion:	100.000 90.000 hickness (mr			107.150 K 284.685 N 66.040 mn 66.040 mn	n n n
18 er Shiel uter Shiel Layer # 1 2 er Jack Outer Jack Outer Jack Outer Jack Overall Cat banica Bulk Cal Max. Rev Min. Ber Min. Ber Flex Cyc	d white d d d d d d d d d d d d d	/Greer rial: Outer Alumi TC arial: lateria Chlori I Diam racte ght: Inded I us/Mir Illatior us (Cc ng: :ifica	r Shield Ma num//Mylar Finned Copp I Nom. Vi de   1.016 eristics ( Pulling Ten nor Axis: :: :: :: :: :: :: :: ::	Ove sion: lexin	100.000 90.000 hickness (mr rall) g):	n)	e (Ov	107.150 K 284.685 N 66.040 mn 66.040 mn 66.040 mn 6 Million F	n n n
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## **Detailed Specifications & Technical Data**



#### METRIC MEASUREMENT VERSION

#### 76218WS Multi-Conductor - 300V Foil/Spiral Shield, Continuous Flexing Data Applications Up to 6 Million Flex Life Cycles

MII Orde Custome Flame Test CSA Fla Suitability Suitability Suitability Suitability Nom. Inducta	(UL) Specification:	CMG		
Custom Flame Test CSA Fla Suitability Suitability Electrical ( Nom. Inducta	ective 2011/65/EU (ROHS II):	Yes		
Flame Test CSA Fla Suitability Suitabili Electrical ( Nom. Inducta	ler #39 (China RoHS):	Yes		
CSA Fla Suitability Suitabili Electrical ( Nom. Inducta	ner Part Number Reference Spec		/LE 10002, AWM/STYLE 2661, CSA AWM I/ n (EC 1907/2006), California Proposition 65	II A/B, EU Directive 2011/65/EU(RoHS2), REACH
Suitability Suitabili Electrical ( Nom. Inducta	t			
Suitabili Electrical ( Nom. Inducta	ame Test:	FT4		
Electrical ( Nom. Inducta				
Nom. Inducta	lity - Burial:	Yes		
	Characteristics (Overall)	)		
0.623	се (µH/m)			
Nom. Capaci	titance Conductor to Conductor:			
Freq. (MH: 0.001	Hz) Capacitance (pF/m) 104.992			
Nom. Conduc	uctor DC Resistance:			
DCR @ 20 95.149	20°C (Ohm/km)			
Nominal Oute	ter Shield DC Resistance:			
DCR @ 20	20°C (Ohm/km)			
Max. Operati	ting Voltage - UL:			
Voltage 300V				
Notes (Ove	erall)			
Notes:	Temperature Range -10 to 105°C	(static), +5 to 105°C (dynamic)		
Put Ups ar				
Item #	na Colors:			

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

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