# **Detailed Specifications & Technical Data**



METRIC MEASUREMENT VERSION

### 1214A Multi-Conductor - Computers, Instrumentation & Medical Elec Interconnect Cable



For more Information please call

1-800-Belden1



### **General Description:**

26 AWG stranded (7x34) TC conductors, PVC insulation, Duofoil® shield (100% coverage), 26 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall)       Conductor AWG:       If Conductors AWG Stranding Conductor Material Is       Ig       Total Number of Conductors:       16       Insulation Material:       Insulation Material:       Outer Shield Material:       Outer Shield Tade Name Type Outer Shield Material       Voter Shield Tade Name Type Outer Shield Material       Outer Shield Tade Name Type Outer Shield Naterial       Outer Shield Tade Name Type Outer Shield Naterial       Voter Shield Tade Name Type Outer Shield Naterial       Outer Shield Tain Wire Conductor Material       Voter Shield Stripe       You Jacket       Outer Shield Stripe       Outer Shield Stripe       You Wile Wild The Stripe       Y		- ,	
AWG:     I       I     28     Xx34     TC-Tinned Copper       Total Number of Conductors     16         Insulation Material:     Insulation Material:       Insulation Material:     Insulation Material:       Outer Shield     Coverage (%)       Outer Shield Material:     Insulation Material:       Insulation Material:     Insulation Material:       Outer Shield Tack Name Type Outer Shield Material:     Insulation Material:       Outer Shield Tack Name Type Outer Shield Material     Coverage (%)       Insulation Material:     Insulation Tack Material:       Outer Shield Train Wire Conductor Material     Coverage (%)       Outer Jack Material:     Insulation Tack Material:       Outer Jack Material:     Insulation Intro Insulation Base       Outer Jack Material:     Insulation Intro Insulation Intro Insulation In	Physical 0	Characteristics (	Overall)
16     7x3     TC - Tinned Copper       Total Number of Conductors:     16         Insulation Material:     Wall Thickness (mm)       PVC - Polying/ Chloride [0.381		r	
Total Number of Conductors:     16       Insulation Material:     Insulation Material:       Insulation Material:     Insulation Material:       Outer Shield Material:     Outer Shield Material:       Duofoll®     Tape       Atuminum Foil-Polyvester Tape-Atuminum Foil     100       Outer Shield Drain Wire Oductor Material     Coverage (%)       Duofoll®     Tape       Atuminum Foil-Polyvester Tape-Atuminum Foil     100       Outer Shield Drain Wire Ocoductor Material     26       26     7x34     To - Timed Opper       Outer Jacket     Material     Nom. Wall Thickness (mm)       PVC - Polyvinyt Chloride     0.889     Nom. Wall Thickness (mm)       PVC - Polyvinyt Chloride     0.889     Nom. Wall Thickness (mm)       PVC - Polyvinyt Chloride     0.889     Nome       Outer Jacket Material     Nom. Wall Thickness (mm)     PVC - Polyvingt Chloride       PVC - Polyvingt Chloride     0.889     Nome       Outer Jacket Material     Nome     Nome       Outer Jacket Material     Nome     Nome       Outer Jacket Material     Nome     Nome  <	# Cond	luctors AWG Stranding	g Conductor Material
Insulation Material Insulation Material Maiu Material Ver - Polyviny Chiodide Outer Shield Material Outer Shield Trade Name Type Outer Shield Material Outer Shield Trade Name Type Outer Shield Drain Wire Conductor Material 20 7x34 To - Tinned Copper Outer Jacket Material: Outer Jacket Material: Outer Jacket Material: Outer Jacket Material: Outer Jacket Material: Outer Jacket Material: Number Color Overall Cable Overall Cable Overall Cable Stream 1 0 Gray 1 1 Aqua 1 0 Gray 1 1 Aqua 1 0 Gray 1 1 Aqua 1 0 Pink 1 0 Fink 1 0 F	16	26 7x34	TC - Tinned Copper
Insulation Material:       NUPC - Polyvinyl Chloride     0.081       Outer Shield Material     Coverage (%)       Outer Shield Trate Name Type Outer Shield Material     Coverage (%)       Outer Shield Trate Name Type Outer Shield Material     Coverage (%)       Outer Shield Trate Name Type Outer Shield Material     Coverage (%)       Mode Stranding Drain Wire Conductor Material     Coveral Coverage (%)       Mode Stranding Drain Wire Conductor Material     Coveral Coverage (%)       Mode Stranding Drain Wire Conductor Material     Coveral Coverage (%)       Mode Stranding Drain Wire Conductor Material       20     7.5.4     Ter - Tinned Cooper       Outer Saket Material     None Wile X- Tinned Cooper       Outer Jacket Material     None Wile X- Toined Cooper       Numer Volar Color Code Chart:       Numer Volar Color       1     While Wile Stripe     1     1     1     1     1     1     1     1     1     1     1	Total N	lumber of Conducto	rs: 16
PVC - Polyvinyl Chloride 0.381     Outer Shield Material     Coverage (%)     Dudor Shield Trade Name Type Outer Shield Material Coverage (%)     Dudor Shield Drain Wire AWC:     Aurinum Foil-Polyester Tape-Aluminum Foil 100     Outer Shield Drain Wire Conductor Material 26 7x34 TC - Tinned Copper     Outer Jacket Material     Outer Shield Material Nom. Wall Thickness (mm)     PVC - Polyvinyl Chloride 0.889     Outer Shield Wire Stripe     Outer Shield Stripe     1   White wiRed Stripe     2   White wiRed Stripe     3   Black     5   Red     6   Blace     9   Green     10   Gray     11   Aqua     12   Black     6   Blace     9   Green     10   Gray     11   Aqua     12   Pink     13   Pink     14   Ortange     15   White			
Outer Shield     Outer Shield Material:     Outer Shield Trade Name Type Outer Shield Material Coverage (%)     Duofoli®   Tape Auminum Foil-Polyester Tape-Aluminum Foil 100     Outer Shield Drain Wire AWG:     Ave: Stranding Oran Wire Conductor Material 26 7x34 TC - Tinned Copper     Outer Jacket Material:     Outer Jacket Material:     Outer Jacket Material:     Outer Jacket Material:     Outer Color Code Chart:     PVC- Polying Chloride 0.889     Overall Cable     Overall Cabling Color Code Chart:     Number Color     1   White wiBlack Stripe     3   White wiBlack Stripe     4   Black     5   Red     6   Brown     7   Purple     8   Blue     9   Green     10   Gray     11   Aqua     12   Tan     13   Pink     14   Torange     15   White	Insulat	ion Material Wall	Thickness (mm)
Outer Shield Material:     Outer Shield Material     Coverage (%)       Dudoil@     Tape     Aluminum Foil-Polyester Tape-Aluminum Foil     100       Outer Shield Drain Wire AWG:     Aluminum Foil-Polyester Tape-Aluminum Foil     100       Outer Shield Drain Wire Conductor Material     26     7x34     TC - Tinned Copper       Outer Jacket     Material:     Outer Jacket Material     0.89       Outer Jacket Material     Nom. Wall Thickness (mm)     PVC - Polyinny Chloride     0.889       Overall Cable     Overall Cabling Color Code Chart:     Number Color     0.889       Number Color     8     Blue     9     Green       1     White wiRed Stripe     3     White wiRed Stripe     3     Blue     9     Green       10     Green     10     Green     10     Green     10     Green     10     Green     10     Green     10     Green     10     Green     10     Green     10     Green     10     Green     10     Green     10     Green     10     Green     10     Green     1	PVC - F	Polyvinyl Chloride 0.381	
Dudfell@     Tape     Aluminum Foil-Polyester Tape-Aluminum Foil     100       Outer Shield Drain Wire AWG:     AwG Stranding Drain Wire Conductor Material     20			
Outer Shield Drain Wire AWG:     AWG Stranding Drain Wire Conductor Material     26   7x34     TC - Tinned Copper     Outer Jacket     Outer Jacket Material     Nom. Wall Thickness (mm)     PVC - Polywinyl Chioride   0.889     Overall Cable     Overall Cabling Color Code Chart:     1   White w/Red Stripe     2   White w/Black Stripe     3   White w/Black Stripe     4   Black     5   Red     6   Brown     7   Purple     8   Blue     9   Green     10   Gray     11   Aqua     12   Tan     13   Pink     14   Orange     15   White	Outer \$	Shield Trade Name Typ	De Outer Shield Material Coverage (%)
AWG Stranding Drain Wire Conductor Material     26   7x34   TC - Tinned Copper     Outer Jacket   Duter Jacket Material:     Outer Jacket Material   Nom. Wall Thickness (mm)     PVC - Polyvinyl Chloride   0.889     Overall Cable   Overall Cabling Color Code Chart:     Number Color   1     1   White w/Red Stripe     2   White w/Rom Stripe     3   White w/Biack Stripe     4   Black     5   Red     6   Brown     7   Purple     8   Blue     9   Green     10   Gray     11   Aqua     12   Tan     13   Pink     14   Orange     15   White	Duofoil	® Tap	e Aluminum Foil-Polyester Tape-Aluminum Foil 100
AWG Stranding Drain Wire Conductor Material     26   7x34   TC - Tinned Copper     Outer Jacket   Duter Jacket Material:     Outer Jacket Material   Nom. Wall Thickness (mm)     PVC - Polyvinyl Chloride   0.889     Overall Cable   Overall Cabling Color Code Chart:     Number Color   1     1   White w/Red Stripe     2   White w/Rom Stripe     3   White w/Biack Stripe     4   Black     5   Red     6   Brown     7   Purple     8   Blue     9   Green     10   Gray     11   Aqua     12   Tan     13   Pink     14   Orange     15   White	Outer Sh	ield Drain Wire AW	3:
26   7x34   TC - Tinned Copper     Outer Jacket     Duter Jacket Material     Outer Jacket Material     Number Jacket Material   Nom. Wall Thickness (mm)     PVC - Polyvinyl Chloride   0.889     Overall Cable     Overall Cable Color Code Chart:     Number Color     2   White w/Red Stripe     3   White w/Rown Stripe     3   White w/Black Stripe     4   Black     5   Red     6   Brown     7   Purple     8   Blue     9   Green     10   Gray     11   Aqua     12   Tan     13   Pink     14   Orange     15   White			
Nuter Jacket Material   Nom. Wall Thickness (mm)     PVC - Polyvinyl Chloride   0.889     Overall Cable   Number Color     1   White w/Red Stripe     2   White w/Rown Stripe     3   White w/Black Stripe     4   Black     5   Red     6   Brown     7   Purple     8   Blue     9   Green     10   Gray     11   Aqua     12   Tan     13   Pink     14   Orange     15   White			
Number Color1White w/Red Stripe2White w/Brown Stripe3White w/Black Stripe4Black5Red6Brown7Purple8Blue9Green10Gray11Aqua12Tan13Pink14Orange15White	Outer C PVC - F Overall Ca	Jacket Material Nom. Polyvinyl Chloride 0.889	
1White w/Red Stripe2White w/Brown Stripe3White w/Black Stripe4Black5Red6Brown7Purple8Blue9Green10Gray11Aqua12Tan13Pink14Orange15White		-	
2White w/Brown Stripe3White w/Black Stripe4Black5Red6Brown7Purple8Blue9Green10Gray11Aqua12Tan13Pink14Orange15White			
4Black5Red6Brown7Purple8Blue9Green10Gray11Aqua12Tan13Pink14Orange15White	2		
5Red6Brown7Purple8Blue9Green10Gray11Aqua12Tan13Pink14Orange15White	3	White w/Black Stripe	
6Brown7Purple8Blue9Green10Gray11Aqua12Tan13Pink14Orange15White	4	Black	1
7Purple8Blue9Green10Gray11Aqua12Tan13Pink14Orange15White		Red	
8Blue9Green10Gray11Aqua12Tan13Pink14Orange15White	-	Brown	
9Green10Gray11Aqua12Tan13Pink14Orange15White		· ·	
10Gray11Aqua12Tan13Pink14Orange15White		Blue	
11Aqua12Tan13Pink14Orange15White	-	Green	
12Tan13Pink14Orange15White		Gray	
13Pink14Orange15White		Aqua	
14Orange15White		Tan	
15 White	13	Pink	
	14	Orange	
16 Yellow		White	
	16	Yellow	

7.645 mm

# **Detailed Specifications & Technical Data**



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#### 1214A Multi-Conductor - Computers, Instrumentation & Medical Elec Interconnect Cable

lechanical Characteristics (Overall)					
Operating Temperature Range:	-20°C To +80°C				
Non-UL Temperature Rating:	80°C (UL AWM Style 2464)				
Bulk Cable Weight:	77.386 Kg/Km				
Max. Recommended Pulling Tension:	266.892 N				
Min. Bend Radius/Minor Axis:	76.200 mm				
pplicable Specifications and Agency Co	ompliance (Overall)				
Applicable Standards & Environmental Prog	rams				
NEC/(UL) Specification:	CL2X				
AWM Specification:	UL Style 2464 (300 V 80°C)				
EU Directive 2011/65/EU (ROHS II):	Yes				
EU CE Mark:	Yes				
EU Directive 2000/53/EC (ELV):	Yes				
EU Directive 2002/95/EC (RoHS):	Yes				
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005				
EU Directive 2002/96/EC (WEEE):	Yes				
EU Directive 2003/11/EC (BFR):	Yes				
CA Prop 65 (CJ for Wire & Cable):	Yes				
MII Order #39 (China RoHS):	Yes				
Plenum/Non-Plenum					
Plenum (Y/N):	No				

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

85.306

Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



122.381

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current

0.8 Amps per conductor @ 25°C

### Notes (Overall)

Notes: AMP is a registered trademark of AMP, Inc.

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1214A 0101000	305 MT	25.855 KG	BLACK	С	16 #26 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.



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**Revision Number: 2** Revision Date: 11-06-2012

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