

9617 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) tinned copper conductors, S-R PVC insulation, overall Beldfoil® (100% coverage), TC braid shield (65% coverage), PVC jacket

		nield (65% coverage), PVC jacket	
ductor	haracteristics (O	veraii)	
NG:			
# Cond	uctors AWG Strandin	ng Conductor Material	
25	24 7x32	TC - Tinned Copper	
Total Nu	umber of Conductors:		
Ilation			
	Material:		
Insulati	ion Material	Wall Thickness (in.)	
S-R PV	C - Semi-Rigid Polyviny	1 Chloride 0.011	
er Shiel	ld eld Material:		
		lame Type Outer Shield Material Coverage (%)	
Layer #	Beldfoil®	Tape Aluminum Foil-Polyester Tape 100	
2		Braid TC - Tinned Copper 65	
Ľ			
er Jack	et		
uter Jack	ket Material:		
Outer J	acket Material Nom.	. Wall Thickness (in.)	
	olyvinyl Chloride 0.037		
1.10.1			
rall Cat	ble		
verall Ca	bling Color Code Cha	rt:	
Numbe	r Color		
1	Black		
2	White		
3	Red		
4	Green		
5	Orange		
6	Blue		
7	White/Black		
8	Red/Black		
9	Green/Black		
10	Orange/Black		
11	Blue/Black		
12	Black/White		
13	Red/White		
14	Green/White		
15	Blue/White		
16	Black/Red		
17	White/Red		
18	Orange/Red		
19	Blue/Red		
20	Red/Green		
21	Orange/Green		
22	Black/White/Red		
1	White/Black/Red		
23			
23 24	Red/Black/White		
23 24 25	Red/Black/White Green/Black/White		

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

9617 Multi-Conductor - Computer Cable for EIA RS-232 Applications

NEC(UL) Specification: CMG CMC(UL) Specification: CMG AWM Specification: UL Style 2464 (300 V 80°C) EU Direct V20201/SUEC (ELV): Yes EU Direct V20202/SUEC (RoHS): Yes EU Direct V2020/SUEC (ROHS): Yes MOrder #35 (China RoHS): Yes UL Plame Test: UL 1685 FT4 Loading CSA Flame Test: UL 1685 FT4 Loading UE Rame Test: UL 1685 FT4 Loading CSA Flame Test: UL 1685 FT4 Loading Conductor to Conductor & Shield: Simple Simple Simple Simple Simple Simple Simple Simple Simple S	Operating Temperature Range:	-30°C 10 +80°C			
Min. Band RadiuzMinor Axis: 3.750 in. pplicable Specifications and Agency Compliance (Overall) pplicable Standards & Environmental Programs MK-0(UL) Specification: CMG GEC/CULU Specification: UL Syle 2464 (300 V 80°C) EU Decive 30016MEU (RONB II): Yes EU Decive 30016MEU (RONB): Yes EU Decive 30016MEU (RONB): Yes EU Decive 30016MEU (RONB): Yes Min Ger 478 (Clina RONB): No Case Lanso Conductor to Conductors Sania Caseclanas Conductor to Conductors <t< th=""><th>UL Temperature Rating:</th><th>80°C (UL AWM Style 2464)</th></t<>	UL Temperature Rating:	80°C (UL AWM Style 2464)			
pplicable Specifications and Agency Compliance (Overall) pplicable Standards & Environmental Programs NEC(UL) Specification: CMG CEUC(UL) Specification: UL Byte 2464 (300 V 80°C) EU Directive 2014SEE (EV): Ves EU Cet Mark: Ves EU Directive 2024SEE (EV): Ves CA Prop ES (CJ for Wire & Cable): Ves UI Hame Test: UL 1805 FT4 Loading C2A Frame Test: FT4	Bulk Cable Weight:	89 lbs/1000 ft.			
NBC:(UL) Specification: OM G ECD:(CL) Specification: UL Style 2444 (300 V 60°C) EU Dencive 2011/95/EU (ROHS II): Yes EU Dencive 2002/95/EC (ROHS): Yes EU Dencive 2002/95/EC (ROHS): Yes EU Dencive 2001/95/EC (ROHS): Yes EU Dencive 2001/95/EC (ROHS): Yes EU Dencive 2001/95/EC (ROHS): Yes EU Dencive 2001/1/EC (RF): Yes EU Dencive 2001/1/EC (RF): Yes EU Dencive 2001/1/EC (RF): Yes MI Order #38 (China RoHS): Yes MI Order #38 (China RoHS): Yes But me Test: UL 1685 FT4 Loading Cottar Fame Test: UL 1685 FT4 Loading But me Test: <th>Min. Bend Radius/Minor Axis:</th> <th>3.750 in.</th>	Min. Bend Radius/Minor Axis:	3.750 in.			
NBC:(UL) Specification: OM G ECD:(CL) Specification: UL Style 2444 (300 V 60°C) EU Dencive 2011/95/EU (ROHS II): Yes EU Dencive 2002/95/EC (ROHS): Yes EU Dencive 2002/95/EC (ROHS): Yes EU Dencive 2001/95/EC (ROHS): Yes EU Dencive 2001/95/EC (ROHS): Yes EU Dencive 2001/95/EC (ROHS): Yes EU Dencive 2001/1/EC (RF): Yes EU Dencive 2001/1/EC (RF): Yes EU Dencive 2001/1/EC (RF): Yes MI Order #38 (China RoHS): Yes MI Order #38 (China RoHS): Yes But me Test: UL 1685 FT4 Loading Cottar Fame Test: UL 1685 FT4 Loading But me Test: <td>Applicable Specifications and Agency Compli</td> <td>iance (Overall)</td>	Applicable Specifications and Agency Compli	iance (Overall)			
CEC/CUL Specification: CMG AWM Specification: UL Style 2464 (300 V 80°C) EU Directive 2011/85/EU (ROHS II): Yes EU Directive 2011/85/EU (ROHS II): Yes EU Directive 2002/95/EC (ROHS): Yes Mit Order #39 (China RoHS): Yes UL Flame Test: UL 1685 FT4 Loading CSA Flame Teat: FT4 VenumNOn-Plenum Plenum (Yh): Plenum (Yh): No certrical Charactoristics (Overall) Son om. Capacitance (FM) Son go 20 (China1006 FT) Son Gase Conductor to Conductor: Son (Phin1007 FT) Son (Phin2006 FT)	Applicable Standards & Environmental Programs				
AVM Specification: UL Style 2444 (300 V 60°C) EU Directive 2011/65/EU (ROHS II): Yes EU Directive 2020/35/EC (EV): Yes EU Directive 2020/35/EC (ROHS): Yes MI Order 35 (Chin Mock S): Yes MI Order 35 (Chin Mock S): Yes Id I. Fina Test: UL 1685 FT4 Loading CGA Flame Test: UL 1685 FT4 Loading Car Pone Test: UL 1685 FT4 Loading Car Pone Test: UL 1685 FT4 Loading rom: Capacitance Conductor to Conductor: FT4 Forman Test: FT4 Plenum/Non-Plenum FT4 Plenum/Non-Plenum FT4 Plenum (7/h): No Capacitance Cond. to Other Conductor: FT4 Capacitance Cond. to Other Conductor & Shield: Cap	NEC/(UL) Specification:	CMG			
EU Directive 2011/65/EU (ROHS II): Yes EU CE Mark: Yes EU Directive 2002/95/EC (ROHS): Yes MIL Order #30 (China ROHS): Yes MIL Order #30 (China ROHS): Yes June Test: UL 1685 FT4 Loading CA Fiamo Test: FT4 Henum/Non-Plenum Plenum (YIN): Plenum (YIN): No capacitance (Conductor to Conductor: Capacitance (Conductor & Shield: Gapacitance (Conductor & Shield: Gapacitance (Shift) So So So Conductor DC Resistance: DER @ 202 (Dim/100 ft) Capacitance (Conductor & Shield: So (Conductor Motion ft) So So (Conductor Motion ft)	CEC/C(UL) Specification:	CMG			
EU CE Mark: Yes EU Directive 2002/95/EC (RoHS): Yes EU Directive 2002/95/EC (RoHS): Yes EU Directive 2002/95/EC (MEEE): Yes GA Prop 85 (C) for Wire & Cable): Yes MI Order #39 (China RoHS): Yes Same Test: UL 1685 FT4 Loading CSA Flame Test: UL 1685 FT4 Loading CGA Flame Test: UL 1685 FT4 Loading Plonum (Y/N): No ectrical Characteristics (Overall) om: Capacitance Conductor to Conductor: Capacitance (Fff) 30 cm: Conductor DC Conductor & Shield: Capacitance (Fff) 25 Conductor DC Realistance: DER 20 20 (Chin/1000 ft) 25 coninal Outer Shield DC Realistance: DER 20 20 (Chin/1000 ft) 26. 27 Voltage 28. Voltage 29. Voltage 20. V rts	AWM Specification:	UL Style 2464 (300 V 80°C)			
EU Directive 2000/53/EC (ELV): Yes EU RoHS Compliance Date (mmidd/yyyy): 1001/2005 EU RoHS Compliance Date (mmidd/yyyy): 1001/2005 EU Directive 2002/95/EC (WEEE): Yes EU Directive 2003/11/EC (BFR): Yes MI Order #39 (China RoH5): Yes Iame Test UL1685 FT4 Loading CSA Flame Test: FT4 ImmunNon-Plenum FT4 Plenum (YN): No ectrical Characteristics (Overall) m. Gapacitance (Gr/ff) 30 Gapacitance (Gr/ff) 55 Gapacitance (Gr/ff) 56 Gapacitance (Gr/ff) 57 Gapacitance (Gr/ff) 58 Gapacitance (Gr/ff) 57 Gapacitance (Gr/ff) 58 Gapacitance (Gr/ff) 59 Ga	EU Directive 2011/65/EU (ROHS II):	Yes			
EU Directive 2002/95/EC (RoHS): Yes EU RoHS Compliance Date (mmidd/yyyy): 10/01/2005 EU Directive 2002/96/EC (WEEE): Yes ED Directive 2002/96/EC (WEEE): Yes IMI Order #39 (China RoHS): Yes Imme Test: UL1885 FT4 Loading CSA Flame Test: FT4 Venum/Non-Plenum Plenum (YM): Plenum (YM): No ectrical Characteristics (Overall) Overall om. Capacitance Conductor to Conductor: Capacitance (Dr/ff) So Goverall Goverall om. Capacitance Conductor D Conductor & Shield: Capacitance (Dr/ff) So Goverall Goverall om. Capacitance Conductor D Conductor & Shield: Capacitance (Dr/ff) So Goverall Goverall so Conductor DC Resistance: EC Reg 20° (Commid00 ft) So Goverall Goverall Goverall so Goverall Goverall Goverall Ga	EU CE Mark:	Yes			
EUR OHS Compliance Date (mmidd/yyyy): 10/01/2005 EU Directive 2003/96/EC (WEEE): Yes EU Directive 2003/11/EC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes UL Flame Test: UL 1685 FT4 Loading CSA Flame Test: UL 1685 FT4 Loading Istrume Test: Vis Plenum (YN): No	EU Directive 2000/53/EC (ELV):	Yes			
EU Directive 2002/96/EC (WEEE): Yes EU Directive 2003/11/EC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Yes MI Order #39 (China RoHS): Yes Lame Test: UL 1685 FT4 Loading CSA Flame Test: UL 1685 FT4 Loading Plenum (YIN): No Plenum (YIN): No ectrical Characteristics (Overall) Onc. Capacitance Conductor to Conductor: Gapacitance (pff) So 30 onn. Capacitance Conductor & Shield: Capacitance (pff) So 55 onn. Conductor DC Resistance: DCR g20°C (Ohm/1001) So 51 sa. Operating Voltage - UL: Voltage So So 200 V FMXS sa. Recommended Current:	EU Directive 2002/95/EC (RoHS):	Yes			
EU Directive 2003/11/EC (BFR): Yes CA Prop 65 (CJ for Wire & Cable): Yes MI Order #39 (China RoHS): Yes Imme Test UL 1085 FT4 Loading CSA Fieme Test: UL 1085 FT4 Loading Imme Test: UL 1085 FT4 Loading Plenum (YN): No Plenum (YN): No capacitance Conductor to Conductor : Capacitance Conductor to Conductor : capacitance (pff) 30 om. Capacitance Conductor & Shield: Capacitance (pff) 25 So ominal Outer Shield DC Resistance: DCR 20°C (Ohm/1000 f) 25 So ominal Outer Shield DC Resistance: DCR 20°C (Ohm/1000 f) 26 So carting Voltage - UL: Voltage Voltage Sa sax. Operating Voltage - UL: Voltage Voltage Sa sax. Recommended Current: Urrent 1.1 Amps per conductor @ 25°C Sa	EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005			
CA Prop 65 (CJ for Wire & Cable): Yes MII Order #39 (China RoHS): Yes tame Test UL flame Test: UL flame Test: UL Flame Test: UL flame Test: FT4 Terum/Non-Pienum Pienum (Y/N): No ectrical Characteristics (Overall) No on: Capacitance Conductor to Conductor: Capacitance Conductor to Conductor & Shield: Capacitance (pF/ft) So 55 Game Test: FT4 DCR @ 20°C (Ohm/1000 ft) So 5.1 So DCR @ 20°C (Ohm/1000 ft) So 5.1 So Source Testing Source: Source Testing Source: DCR @ 20°C (Ohm/1000 ft) Source Testing Source: Source Testing Source: Voltage Source Testing Source: Source Testing Source: Source Testing Source: Source Testing Source: Source Testing Source: Source Testing Source: Molitage Source: Source: Source Testing Source: Source Testing Source: Source: Source: Source Testing Source: Source Testing Source: Source Testing Source:	EU Directive 2002/96/EC (WEEE):	Yes			
MII Order #39 (China RoHS): Yes Iame Test: UL 1685 FT4 Loading USA Flame Test: FT4 Itenum/Non-Plenum No Plenum (Y/N): No ectrical Characteristics (Overall) Gapacitance Conductor to Conductor: Gapacitance Conductor to Conductor: Gapacitance (pF/ft) 30 om. Capacitance (conductor & Shield: Gapacitance Conductor DC Resistance: CCR @ 20°C (Ohm/1000 ft) 25 Solutor Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft) Solutor Shield DC Resistance: Voltage 300 V RMS Karana K	EU Directive 2003/11/EC (BFR):	Yes			
UL Flame Test: UL 1885 FT4 Loading CSA Flame Test: FT4 Itenum/Non-Plenum No Plenum (YIN): No ectrical Characteristics (Overall) State Conductor to Conductor: Capacitance Conductor to Conductor: Capacitance (pf/ft) 30 State Conductor to Conductor & Shield: Capacitance (pf/ft) State Conductor & Shield: State Conductor DC Resistance: Conductor & Shield: DCR @ 20*C (Ohm/1000 ft) State Conductor & Shield: State Conductor @ 25*C State Conductor @ 25*C	CA Prop 65 (CJ for Wire & Cable):	Yes			
UL Flame Test: UL 1685 FT4 Loading CSA Flame Test: FT4 Tenum/Non-Plenum No Plenum (YiN): No Conclustor to Conductor & Shield: Capacitance (pF/ff) So On: Capacitance (pF/ff) So On: Capacitance (pF/ff) So On: Capacitance (pF/ff) So On: Conductor DC Resistance: PCR @ 20°C (Ohm/1000 ff) S.1 Capacitance Current: Vortage So ON XMMS Arx. Recommended Current: Current I.1 Amps per conductor @ 25°C	MII Order #39 (China RoHS):	Yes			
CSA Flame Test: FT4 Itenum/Non-Plenum No Plenum (YIN): No cottrical Characteristics (Overall) No on. Capacitance Conductor to Conductor: Capacitance (pF/ft) Gapacitance (pF/ft) So on. Capacitance (pF/ft) So on. Capacitance (pF/ft) So on. Capacitance (pF/ft) So on. Capacitance: DCR @ 20°C (Ohm/1000 ft) pcs. So onnial Outer Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft) pc.1 So ax. Operating Voltage - UL: Voltage Voltage So so. VRMS So tax. Recommended Current: Current furnettion So	Flame Test				
Denum (V/N): No ectrical Characteristics (Overall)	UL Flame Test:	UL1685 FT4 Loading			
Plenum (Y/N): No certical Characteristics (Overall)	CSA Flame Test:	FT4			
ectrical Characteristics (Overall) om. Capacitance (pF/ft) 30 om. Capacitance Cond. to Other Conductor & Shield: Capacitance Cond. to Other Conductor & Shield: Capacitance (pF/ft) 55 om. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 25 ominal Outer Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft) 5.1 fa. ax. Operating Voltage - UL: Voltage 300 V RMS ax. Recommended Current: Current 1.1 Amps per conductor @ 25°C	Plenum/Non-Plenum				
om. Capacitance Conductor to Conductor: Capacitance (pF/ft) 30 om. Capacitance cond. to Other Conductor & Shield: Capacitance (pF/ft) 55 om. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 5.1 Iax. Operating Voltage - UL: Voltage 300 V RMS tax. Recommended Current: Current 1.1 Amps per conductor @ 25°C	Plenum (Y/N):	No			
t Ups and Colors:	Nom. Capacitance Conductor to Conductor: Capacitance (pF/ft) 30 Nom. Capacitance Cond. to Other Conductor & Shield: Capacitance (pF/ft) 55 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 25 Nomial Outer Shield DC Resistance: DCR @ 20°C (Ohm/1000 ft) 5.1 Max. Operating Voltage - UL: Voltage 300 V RMS Max. Recommended Current: Current				

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9617 060100	100 FT	9.700 LB	CHROME		25 #24 PVC SH PVC
9617 0601000	1,000 FT	96.000 LB	CHROME	С	25 #24 PVC SH PVC
9617 060500	500 FT	47.500 LB	CHROME	С	25 #24 PVC SH PVC

Notes: C = CRATE REEL PUT-UP.

Detailed Specifications & Technical Data



9617 Multi-Conductor - Computer Cable for EIA RS-232 Applications

Revision Number: 3 Revision Date: 09-11-2012

© 2015 Belden, Inc All Rights Reserved

All hough Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, is deleden's knowledge, information, and belief at the date of its publication. The information provided to the best of Belden's howledge, information, and belief or the one that it becomes a part of. This Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product tusers are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.