

9907 Coax - Coaxial Cable - Thinnet 10Base2 Ethernet

For more Information please call

1-800-Belden1



	ription:					
	· · ·			er conductor, foam polyeth er braid shield (93% cover		
Jsage (Overal	I)					
Suitable App	plications:			Thin Ethernet		
Physical Char	acteristics (Ov	erall)				
Conductor AWG:						
# Coax AWG	Stranding Conducto	or Mate	rial Dia. (mm	ו)		
1 20	19x32 TC - Tinne	ed Copp	oer 0.9398			
Total Numbe	er of Conductors:			1		
Insulation Insulation Mat	erial:					
Insulation Ma	iterial		Dia. (mm)			
FHDPE - Foar	m High Density Polyeth	hylene	2.5908			
Outer Shield						
Outer Shield N		Turne	Outer Object	I Marka stal	0	
	r Shield Trade Name		Outer Shield	i wateriai	Coverage (%)	
1 Bond	led Duofoil®	Tape				
2	led Duofoil®			ninum Foil-Polyester Tape-Aluminum F		
2 Outer Jacket Outer Jacket M Outer Jacket PVC - Polyving	Naterial: Material		Bonded Alum	ninum Foil-Polyester Tape-Aluminum F	oil 100	
2 Outer Jacket Outer Jacket M Outer Jacket PVC - Polyving Overall Cable	faterial: Material yl Chloride		Bonded Alum	ninum Foil-Polyester Tape-Aluminum F Copper	oil 100	
2 Outer Jacket Outer Jacket M Outer Jacket PVC - Polyving Overall Cable	Naterial: Material		Bonded Alum	ninum Foil-Polyester Tape-Aluminum F	oil 100	
2 Outer Jacket Outer Jacket M Outer Jacket PVC - Polyving Overall Cable Overall Nom	faterial: Material yl Chloride	Braid	Bonded Alum TC - Tinned (ninum Foil-Polyester Tape-Aluminum F Copper	oil 100	
2 Outer Jacket Outer Jacket M Outer Jacket PVC - Polyviny Overall Cable Overall Nom	Material: Material yl Chloride inal Diameter:	Braid	Bonded Alum TC - Tinned (ninum Foil-Polyester Tape-Aluminum F Copper	oil 100	
2 Outer Jacket Outer Jacket M Outer Jacket PVC - Polyviny Overall Cable Overall Nom	Material: Material yl Chloride inal Diameter: naracteristics (emperature Range	Braid	Bonded Alum TC - Tinned (ninum Foil-Polyester Tape-Aluminum F Copper 4.699 mm	oil 100	
2 Outer Jacket Outer Jacket M Outer Jacket PVC - Polyving Overall Cable Overall Nom Mechanical Ch Operating Te	Material: Material yl Chloride inal Diameter: naracteristics (emperature Range ture Rating:	Braid	Bonded Alum TC - Tinned (ninum Foil-Polyester Tape-Aluminum F Copper 4.699 mm -40°C To +80°C	oil 100	
2 Outer Jacket Outer Jacket M PVC - Polyviny Overall Cable Overall Nom Mechanical Ch Operating Te UL Temperat Bulk Cable V	Material: Material yl Chloride inal Diameter: naracteristics (emperature Range ture Rating:	Over :	Bonded Alum TC - Tinned C all)	hinum Foil-Polyester Tape-Aluminum F Copper 4.699 mm -40°C To +80°C 60°C (UL AWM Style 1354)	oil 100	
2 Outer Jacket Outer Jacket M PVC - Polyving Overall Cable Overall Nom Mechanical Ch Operating Te UL Temperat Bulk Cable V Max. Recom	Material: Material yl Chloride inal Diameter: naracteristics (emperature Range ture Rating: Veight:	Over :	Bonded Alum TC - Tinned C all)	hinum Foil-Polyester Tape-Aluminum F Copper 4.699 mm -40°C To +80°C 60°C (UL AWM Style 1354) 34.229 Kg/Km	oil 100	
2 Outer Jacket Outer Jacket PVC - Polyving Overall Cable Overall Nom Mechanical Ch Operating Te UL Temperat Bulk Cable V Max. Recom Min. Bend Ra	Material: Material yl Chloride inal Diameter: naracteristics (emperature Range ture Rating: Veight: mended Pulling Te adius/Minor Axis: ecifications an	Overa: ension	Bonded Alum TC - Tinned C all) : ency Cor	A.699 mm -40°C To +80°C 60°C (UL AWM Style 1354) 34.229 Kg/Km 200.169 N 50.800 mm mpliance (Overall)	oil 100	
2 Outer Jacket Outer Jacket PVC - Polyving Overall Cable Overall Nom Mechanical Ch Operating Te UL Temperat Bulk Cable V Max. Recom Min. Bend Ra	Material: Material yl Chloride inal Diameter: naracteristics (emperature Range ture Rating: Veight: mended Pulling Te adius/Minor Axis:	Overa: ension	Bonded Alum TC - Tinned C all) : ency Cor	A.699 mm -40°C To +80°C 60°C (UL AWM Style 1354) 34.229 Kg/Km 200.169 N 50.800 mm mpliance (Overall)	oil 100	
2 Outer Jacket Outer Jacket PVC - Polyving Overall Cable Overall Nom Mechanical Ch Operating Te UL Temperat Bulk Cable V Max. Recom Min. Bend Ra	Material: Material yl Chloride inal Diameter: naracteristics (emperature Range ture Rating: Veight: mended Pulling Te adius/Minor Axis: ecifications an ndards & Enviro	Overa: ension	Bonded Alum TC - Tinned C all) : ency Cor	A.699 mm -40°C To +80°C 60°C (UL AWM Style 1354) 34.229 Kg/Km 200.169 N 50.800 mm mpliance (Overall)	oil 100	
2 Outer Jacket Outer Jacket PVC - Polyving Overall Cable Overall Nom Mechanical Ch Operating Te UL Temperat Bulk Cable V Max. Recom Min. Bend Ra Applicable Spa NEC/(UL) Sp	Material: Material yl Chloride inal Diameter: naracteristics (emperature Range ture Rating: Veight: mended Pulling Te adius/Minor Axis: ecifications an ndards & Enviro	Overa: ension	Bonded Alum TC - Tinned C all) : ency Cor	A.699 mm -40°C To +80°C 60°C (UL AWM Style 1354) 34.229 Kg/Km 200.169 N 50.800 mm mpliance (Overall) ams	oil 100	
2 Outer Jacket Outer Jacket PVC - Polyving Overall Cable Overall Nom Mechanical Ch Operating Te UL Temperat Bulk Cable V Max. Recom Min. Bend Ra Applicable Spa NEC/(UL) Sp	Material: Material yl Chloride inal Diameter: naracteristics (emperature Range ture Rating: Veight: mended Pulling Te adius/Minor Axis: ecifications an ndards & Enviro pecification: Specification:	Overa: ension	Bonded Alum TC - Tinned C all) : ency Cor	A.699 mm 4.699 mm -40°C To +80°C 60°C (UL AWM Style 1354) 34.229 Kg/Km 200.169 N 50.800 mm mpliance (Overall) ams CL2, CM	oil 100	

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

400

700

29.2009

39.7001

9907 Coax - Coaxial Cable - Thinnet 10Base2 Ethernet

EU Directive 2002 EU Directive 2003 CA Prop 65 (CJ for MII Order #39 (Chi Customer Part Nu RG Type: Flame Test UL Flame Test: Plenum (Y/N): Plenum Number: Electrical Character Nom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Nom. Capacitance Co Capacitance (pF/m) 83.3374 Nominal Velocity of Pl VP (%) 80 Nominal Delay: Delay (ns/m) 4.16687 Nom. Conductor DC R	253/EC (ELV): 295/EC (RoHS): nce Date (mm/dd/yyyy): 296/EC (WEEE): 211/EC (BFR): 211/EC (BFR): 211/EC (BFR):	IEEE802.3 10Base2 ISO8802.3 10Base2 Yes Yes O1/01/2004 Yes Yes Yes Yes Yes Yes DEC Part No. 17-01248-00
EU CE Mark: EU Directive 2000 EU Directive 2002 EU RoHS Complia EU Directive 2003 CA Prop 65 (CJ fo MII Order #39 (Chi Customer Part Nu RG Type: Flame Test UL Flame Test: Plenum/Non-Plenur Plenum (Y/N): Plenum Number: Iectrical Character Nom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Nom. Capacitance Co Capacitance (pF/m) 83.3374 Nominal Velocity of Pr VP (%) 80 Nominal Delay: Delay (ns/m) 4.16687 Nom. Conductor DC R	95/EC (RoHS): nce Date (mm/dd/yyyy): 96/EC (WEEE): 11/EC (BFR): r Wire & Cable): na RoHS):	Yes Yes O1/01/2004 Yes Yes Yes Yes
EU Directive 2000 EU Directive 2002 EU RoHS Complia EU Directive 2002 EU Directive 2003 CA Prop 65 (CJ fo MII Order #39 (Chi Customer Part Nu RG Type: Flame Test UL Flame Test: Plenum (Y/N): Plenum Number: Plenum (Y/N): Plenum Number: Iectrical Character Iom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Iom. Capacitance Co Capacitance (pF/m) 83.3374 Iominal Velocity of Pl VP (%) 80 Iominal Delay: Delay (ns/m) 4.16687 Iom. Conductor DC R	95/EC (RoHS): nce Date (mm/dd/yyyy): 96/EC (WEEE): 11/EC (BFR): r Wire & Cable): na RoHS):	Yes Yes 01/01/2004 Yes Yes Yes Yes
EU Directive 2002 EU RoHS Complia EU Directive 2003 EU Directive 2003 CA Prop 65 (CJ fo MII Order #39 (Ch Customer Part Nu RG Type: Flame Test UL Flame Test: UL Flame Test: Plenum/Non-Plenur Plenum (Y/N): Plenum Number: Plenum Number: Inpedance (Ohm) Tol 50 +/- Iom. Capacitance Co Capacitance (pF/m) 83.3374 Iominal Velocity of Pl VP (%) 80 Iominal Delay: Delay (ns/m) 4.16687 Iom. Conductor DC R	95/EC (RoHS): nce Date (mm/dd/yyyy): 96/EC (WEEE): 11/EC (BFR): r Wire & Cable): na RoHS):	Yes 01/01/2004 Yes Yes Yes Yes
EU RoHS Complia EU Directive 2002 EU Directive 2003 CA Prop 65 (CJ for MII Order #39 (Chi Customer Part Nu RG Type: Flame Test UL Flame Test: UL Flame Test: UL Flame Test: Plenum/Non-Plenur Plenum (Y/N): Plenum Number: lectrical Characte Iom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Iom. Capacitance Co Capacitance (pF/m) 83.3374 Iominal Velocity of Pl VP (%) 80 Iominal Delay: Delay (ns/m) 4.16687 Iom. Conductor DC R	nce Date (mm/dd/yyyy): 96/EC (WEEE): 11/EC (BFR): r Wire & Cable): na RoHS):	01/01/2004 Yes Yes Yes Yes
EU Directive 2002 EU Directive 2003 CA Prop 65 (CJ for MII Order #39 (Chi Customer Part Nu RG Type: Flame Test UL Flame Test: Plenum (Y/N): Plenum Number: Plenum (Y/N): Plenum Number: Iectrical Characte Iom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Iom. Capacitance Co Capacitance (pF/m) 83.3374 Iominal Velocity of Pl VP (%) 80 Iominal Delay: Delay (ns/m) 4.16687 Iom. Conductor DC R	96/EC (WEEE): 111/EC (BFR): r Wire & Cable): na RoHS):	Yes Yes Yes Yes
EU Directive 2003 CA Prop 65 (CJ fo MII Order #39 (Chi Customer Part Nu RG Type: Flame Test UL Flame Test: UL Flame Test: UL Flame Test: Plenum/Non-Plenur Plenum (Y/N): Plenum Number: Iectrical Characte Iom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Iom. Capacitance Co Capacitance (pF/m) 83.3374 Iominal Velocity of Pl VP (%) 80 Iominal Delay: Delay (ns/m) 4.16687 Iom. Conductor DC R	11/EC (BFR): r Wire & Cable): na RoHS):	Yes Yes Yes
CA Prop 65 (CJ fo MII Order #39 (Chi Customer Part Nu RG Type: Flame Test UL Flame Test: Plenum (Y/N): Plenum Number: Plenum Number:	r Wire & Cable): na RoHS):	Yes Yes
MII Order #39 (Chi Customer Part Nu RG Type: Flame Test UL Flame Test: Plenum/Non-Plenur Plenum (Y/N): Plenum Number: Idectrical Character Iom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Iom. Capacitance Co Capacitance (pF/m) 83.3374 Iominal Velocity of Pl VP (%) 80 Iominal Delay: Delay (ns/m) 4.16687 Iom. Conductor DC R DCR @ 20°C (Ohm/km	na RoHS):	Yes
Customer Part Nu RG Type: Iame Test UL Flame Test: Plenum/Non-Plenur Plenum (Y/N): Plenum Number: Iectrical Characte Iom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Iom. Capacitance Co Capacitance (pF/m) 83.3374 Iominal Velocity of Pl VP (%) 80 Iominal Delay: Delay (ns/m) 4.16687 Iom. Conductor DC R DCR @ 20°C (Ohm/km	-	
RG Type: Flame Test UL Flame Test: Plenum/Non-Plenur Plenum (Y/N): Plenum Number: Idectrical Character Iom. Characteristic Ir Impedance (Ohm) Tol 50 50 +/- Iom. Capacitance Co Capacitance (pF/m) 83.3374 Iominal Velocity of Privation Privation Privation VP (%) 80 Iominal Delay: Delay (ns/m) 4.16687 Iom. Conductor DC R DCR @ 20°C (Ohm/km)	mber Reference Specification:	DEC Part No. 17-01248-00
Flame Test UL Flame Test: Plenum/Non-Plenur Plenum (Y/N): Plenum Number: ectrical Character loom. Characteristic Ir Impedance (Ohm) Tol 50 50 +/- loom. Capacitance Co Capacitance (pF/m) 83.3374 Iominal Velocity of Pr VP (%) 80 Iominal Delay: Delay (ns/m) 4.16687 Iom. Conductor DC R DCR @ 20°C (Ohm/km)		
UL Flame Test: Plenum/Non-Plenur Plenum (Y/N): Plenum Number: lectrical Character lom. Characteristic Ir Impedance (Ohm) Tol 50 +/- lom. Capacitance Co Capacitance (pF/m) 83.3374 lominal Velocity of Pr VP (%) 80 lominal Delay: Delay (ns/m) 4.16687 lom. Conductor DC R DCR @ 20°C (Ohm/km		58A/U
Plenum/Non-Plenur Plenum (Y/N): Plenum (Y/N): Plenum Number: lectrical Character iom. Characteristic Ir Impedance (Ohm) Tol 50 +/- iom. Capacitance Co Capacitance (DF/m) 83.3374 iominal Velocity of Pr VP (%) 80 iominal Delay: Delay (ns/m) 4.16687 iom. Conductor DC R DCR @ 20°C (Ohm/km		
Plenum (Y/N): Plenum Number: lectrical Character Nom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Nom. Capacitance Co Capacitance (pF/m) 83.3374 Nominal Velocity of Pr VP (%) 80 Nominal Delay: Delay (ns/m) 4.16687 Nom. Conductor DC R DCR @ 20°C (Ohm/km		UL1685 UL Loading
Plenum Number: lectrical Character Nom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Nom. Capacitance Co Capacitance (pF/m) 83.3374 Nominal Velocity of Pr VP (%) 80 Nominal Delay: Delay (ns/m) 4.16687 Nom. Conductor DC R DCR @ 20°C (Ohm/km	n	
lectrical Character Jom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Nom. Capacitance Co Capacitance (pF/m) 83.3374 Nominal Velocity of Pr VP (%) 80 Nominal Delay: Delay (ns/m) 4.16687 Nom. Conductor DC R DCR @ 20°C (Ohm/km		No
Nom. Characteristic Ir Impedance (Ohm) Tol 50 +/- Nom. Capacitance Co Capacitance (pF/m) 83.3374 Nominal Velocity of Pr VP (%) 80 Nominal Delay: Delay (ns/m) 4.16687 Nom. Conductor DC R DCR @ 20°C (Ohm/km		82907, 89907
4.16687 Iom. Conductor DC R DCR @ 20°C (Ohm/km	opagation:	
-	esistance:	
28.8728		
Aximum Loop Resist Resistance (Ohm/km) 50.0024	—	
Iominal Outer Shield DCR @ 20°C (Ohm/km 19.0298		
lom. Attenuation:	DC Resistance:	
Freq. (MHz) Attenuati	DC Resistance:	
11.41083104.2653	DC Resistance:	
10 4.2053 50 9.54771	DC Resistance:	
	DC Resistance:	

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

9907 Coax - Coaxial Cable - Thinnet 10Base2 Ethernet

900	45.6059
1000	48.5588

Max. Operating Voltage - UL:

Voltage	Description		
300 V RMS			
30 V RMS	UL AWM Style 1354		

Notes (Overall)

Notes: Tape to bond at overlap area only. Tape is not designed to bond to dielectric core.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9907 E4XU1000	1,000 FT	24.000 LB	GRAY, LIGHT DEC		RG-58 TYPE COAX
9907 E4X1000	1,000 FT	25.000 LB	GRAY, LIGHT DEC	С	RG-58 TYPE COAX
9907 E4X3280	3,280 FT	78.720 LB	GRAY, LIGHT DEC	С	RG-58 TYPE COAX
9907 E4X500	500 FT	12.500 LB	GRAY, LIGHT DEC		RG-58 TYPE COAX
9907 E4X5000	5,000 FT	125.000 LB	GRAY, LIGHT DEC		RG-58 TYPE COAX

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-25-2012

© 2019 Belden, Inc All Rights Reserved.

Although 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, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).