




9907 Coax - Coaxial Cable - Thinnet 10Base2 Ethernet

		<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p>
---	--	---

**Description:**

20 AWG stranded (19x32) .037" tinned copper conductor, foam polyethylene insulation, Duobond® II (100% coverage) plus an overall tinned copper braid shield (93% coverage), PVC jacket.

**SUITABLE APPLICATIONS:**

Suitable Applications	Thin Ethernet
-----------------------	---------------

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Coax	1
Total Number of Conductors	1
RG Type	58A/U
AWG	20
Stranding	19x32
Conductor Diameter	.037 in.
Conductor Material	TC - Tinned Copper

**INSULATION:**

Insulation Material	FHDPE - Foam High Density Polyethylene
Insulation Diameter	.102 in.

**OUTER SHIELD:**

Outer Shield Material Trade Name	Duobond® II
Outer Shield Type	Tape/Braid

Outer Shield Material :

Layer Number	Trade Name	Type	Material	% Coverage (%)
1	Bonded Duofoil®	Tape	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	TC - Tinned Copper	93

Outer Shield % Coverage	100 %
-------------------------	-------

**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
-----------------------	--------------------------

**OVERALL NOMINAL DIAMETER:**



**9907 Coax - Coaxial Cable - Thinnet 10Base2 Ethernet**

Overall Nominal Diameter	.185 in.
--------------------------	----------

**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-40°C To +80°C
UL Temperature Rating	60°C (UL AWM Style 1354)
Bulk Cable Weight	22.3 lbs/1000 ft.
Max. Recommended Pulling Tension	45 lbs.
Min. Bend Radius (Install)	1.8 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification	CM, CL2
CEC/C(UL) Specification	CM
AWM Specification	UL Style 1354 (30 V 60°C)
IEEE Specification	IEEE802.3 10Base2
IEC Specification	ISO8802.3 10Base2
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
Customer Part Number Reference Specification	DEC Part No. 17-01248-00

**FLAME TEST:**

UL Flame Test	UL1685 UL Loading
---------------	-------------------

**PLENUM/NON-PLENUM:**

Plenum (Y/N)	N
Plenum Number	82907, 89907

**ELECTRICAL CHARACTERISTICS:**

Nom. Characteristic Impedance	50 +/- 2 Ohms
Nom. Capacitance Conductor to Shield	25.4 pF/ft
Nominal Velocity of Propagation	80 %
Nominal Delay	1.27 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	8.8 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	5.8 Ohms/1000 ft
Maximum Loop Resistance	15.24 Ohms/1000 ft
Nom. Attenuation :	



**9907 Coax - Coaxial Cable - Thinnet 10Base2 Ethernet**

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			.43
	10			1.3
	50			2.91
	100			4.2
	200			6.1
	400			8.9
	700			12.1
	900			13.9
	1000			14.8

Max. Operating Voltage - UL 300 V RMS, 30 V RMS (UL AWM Style 1354)

**NOTES:**

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

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9907 E4X1000	RG-58 TYPE COAX	1000	24	GRAY, LIGHT DEC	C
9907 E4X1640	RG-58 TYPE COAX	1640	41	GRAY, LIGHT DEC	C
9907 E4X2500	RG-58 TYPE COAX	2500	62.5	GRAY, LIGHT DEC	C
9907 E4X3280	RG-58 TYPE COAX	3280	82	GRAY, LIGHT DEC	C
9907 E4X500	RG-58 TYPE COAX	500	12.5	GRAY, LIGHT DEC	
9907 E4XU1000	RG-58 TYPE COAX	U1000	24	GRAY, LIGHT DEC	

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 05-12-2006

**9907 Coax - Coaxial Cable - Thinnet 10Base2 Ethernet**

---

© 2006 Belden Wire & Cable Company  
All Rights Reserved.

Although Belden Electronics Division ("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 CDT Electronics Division believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Cable Mfgs. (San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan-2003); Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb-2003). 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 the 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 CDT Electronics Division declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.