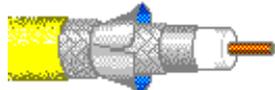


9880 Coax - Coaxial Cable - Thicknet 10Base5 Ethernet

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

Description:

12 AWG solid .086" bare copper conductor, foam polyethylene insulation, Duobond IV® quad shield (100% coverage), PVC jacket.

SUITABLE APPLICATIONS:

Suitable Applications	Thick Ethernet
-----------------------	----------------

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
AWG	12
Stranding	Solid
Conductor Diameter	.086 in.
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	FPE - Foam Polyethylene
Insulation Diameter	.243 in.

OUTER SHIELD:

Outer Shield Material Trade Name	Duobond® IV
Outer Shield Type	Tape/Braid/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	94
3	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
4		Braid	TC - Tinned Copper	90

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

OUTER JACKET:

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

OVERALL NOMINAL DIAMETER:

9880 Coax - Coaxial Cable - Thicknet 10Base5 Ethernet

Overall Nominal Diameter	.405 in.
--------------------------	----------

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 1478)
Bulk Cable Weight	113 lbs/1000 ft.
Max. Recommended Pulling Tension	255 lbs.
Min. Bend Radius (Install)	4 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CM, CL2
CEC/C(UL) Specification	CM
AWM Specification	UL Style 1478 (30 V 60°C)
IEEE Specification	IEEE802.3 10Base5
IEC Specification	ISO8802.3 10Base5
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. 17-00451-00

FLAME TEST:

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

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	89880

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	50 +/- 2 Ohms
Nom. Inductance	.065 µH/ft
Nom. Capacitance Conductor to Shield	26.0 pF/ft
Nominal Velocity of Propagation	78 %
Nominal Delay	1.3 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	1.42 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	1.52 Ohms/1000 ft
Max. Attenuation :	

9880 Coax - Coaxial Cable - Thicknet 10Base5 Ethernet

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Attenuation (dB/100 ft.)
	1			.19
	5			.37
	10			.52
	50			1.2
	100			1.7
	200			2.55
	400			3.9
	700			5.5
	900			6.5
	1000			6.9
	1500			8.5
	2000			10.1
	2500			11.5
	3000			13.0

Max. Operating Voltage - UL 300 V RMS, 30 V RMS (UL AWM Style 1478)

Max. Operating Voltage - Non-UL 300 V RMS

NOTES:

Notes Ringband stripes every 2.5 meters to aid users in tap placement.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9880 0041000	11H 50 OHM TRUNK CABLE	1000	131	YELLOW	C
9880 0041640	11H 50 OHM TRUNK CABLE	1640	219.76	YELLOW	C
9880 004500	11H 50 OHM TRUNK CABLE	500	66	YELLOW	C

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 07-17-2006

9880 Coax - Coaxial Cable - Thicknet 10Base5 Ethernet

© Copyright 2006 Belden, Inc
All Rights Reserved.

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