

86262 Coax - 93 Ohm Coax

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

Description:

RG-62/U type, 22 AWG solid .025" bare copper-covered steel conductor, plenum, foamed FEP insulation, bare copper braid shield (94% coverage), FEP jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	62/U
AWG	22
Stranding	Solid
Conductor Diameter	.025 in.
Conductor Material	BCCS - Bare Copper Covered Steel

INSULATION:

Insulation Material Trade Name	Teflon®
Insulation Material	FFEP - Foam Fluorinated Ethylene Propylene
Insulation Diameter	.146 in.

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	BC - Bare Copper
Outer Shield % Coverage	94 %

OUTER JACKET:

Outer Jacket Material	FEP - Fluorinated Ethylene Propylene
-----------------------	--------------------------------------

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.204 in.
--------------------------	----------

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-70°C To +200°C
UL Temperature Rating	200°C
Bulk Cable Weight	34.8 lbs/1000 ft.
Max. Recommended Pulling Tension	65 lbs.
Min. Bend Radius (Install)	2.25 in.

86262 Coax - 93 Ohm Coax

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMP
CEC/C(UL) Specification	CMP
EU CE Mark (Y/N)	No
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

FLAME TEST:

UL Flame Test	NFPA 262
C(UL) Flame Test	FT6

SUITABILITY:

Suitability - Indoor	Yes
Suitability - Outdoor	Yes
Suitability - Burial	Yes

PLENUM/NON-PLENUM:

Plenum (Y/N)	Y
--------------	---

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	93 Ohms
Nom. Inductance	0.018 μ H/ft
Nom. Capacitance Conductor to Shield	12.5 pF/ft
Nominal Velocity of Propagation	85 %
Nominal Delay	1.198 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	41.2 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg.C	3.4 Ohms/1000 ft

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			0.3
	10			0.9
	50			1.9
	100			2.7
	200			3.8
	400			5.3
	700			7.3
	900			8.2
	1000			8.7

Max. Operating Voltage - UL	300 V RMS
-----------------------------	-----------

NOTES:

86262 Coax - 93 Ohm Coax

Notes Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
86262 0091000	#22 COAX RG-62/U TYPE	1000	32	WHITE	C
86262 009500	#22 COAX RG-62/U TYPE	500	16	WHITE	C

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-08-2006

© 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.