Detailed Specifications & Technical Data





8262 Coax - 50 Ohm Coax



For more Information please call

1-800-Belden1



General Description:

20 AWG stranded (19x33) .035" tinned copper conductor, polyethylene insulation, tinned copper braid shield (95% coverage), non-contaminating PVC jacket.

Physical Characteristics (Overall)	•
Physical Characteristics (Overall) Conductor	
AWG:	
# Coax AWG Stranding Conductor Material Dia. (in.) 1 20 19x33 TC - Tinned Copper .035	
Total Number of Conductors:	1
Insulation Insulation Material:	
Insulation Material Dia. (in.)	
PE - Polyethylene .115	
Outer Shield	
Outer Shield Material:	
Type Outer Shield Material Coverage (%) Braid TC - Tinned Copper 95	
Outer Jacket Outer Jacket Material:	
Outer Jacket Material	
PVCNC - Polyvinyl Chloride Non-Contaminating	
Overall Cable	
Overall Nominal Diameter:	0.195 in.
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-40°C To +85°C
UL Temperature Rating:	85°C
Bulk Cable Weight:	24 lbs/1000 ft.
Max. Recommended Pulling Tension:	42 lbs.
Min. Bend Radius/Minor Axis:	2 in.
Applicable Specifications and Agency Compliance	(Overall)
Applicable Standards & Environmental Programs	
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Military Specification:	MIL-C-17, M17/155-00001
RG Type:	58C/U
Plenum/Non-Plenum	
Plenum (Y/N):	No

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

.



8262 Coax - 50 Ohm Coax

Image: section of control of the section of the section of control of the	ectrical Characteristics						
Section (1971) Non. Advalance (1971) Suma Value Conductor to Shiels: Section (1971) Sumal Value Conductor (1971) 1:3 Non. Advalance: Def gizer (1971) Section (1971) 1:3 Non. Advalance: Def gizer (1971) Conductor DC Resistance: Def gizer (1971) Section (1970) 1:1	om. Characteristic Impedance:						
Image: Section of Uniting in the section of the se							
07 Nom. Capacitance Conductor to Shield: Capacitance Conductor to Shield: 03 Nomial Volcoly of Propagation: VP 1% 05 Nomial Volcoly of Propagation: VP 1% 05 Nomial Outer Shield Co Resistance: DCR 207C (Onn'1000 1) 103 Nomial Outer Shield Co Resistance: DCR 207C (Onn'1000 1) 104 105 Nomial Outer Shield Co Resistance: DCR 207C (Onn'1000 1) 104 105 104 105 105 Nome Conclustor Old 106 10 1 1 4 105 15 Nome Conclustor Old 106 10 1 105 15 Nome Conclustor Old 106 10 1 105 15 Notes 15 Notes 15 1050 15 Notes 16 1050 15 1060 1000 FT	om. Inductance:						
Generalizatione (pF/ft) 30.3 Statisticatione (pF/ft) 30.3 Statisticatione (pF/ft) 30.4 Statisticatione (pF/ft) 30.5 Statisticatione (pF/ft) Statististicatione (pF/ft)							
Fag. (MP 1) Note Very initial Delay: Note		Shield					
Base Semial Valocity of Propagators: VP 103 Belly (mit) Semial Valocity of Propagators: Verial Valocity of Propagators: Verial Valocity of Valocity of Propagators: Verial		Silleiu.					
Provide Provide <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
6 torminal bolay: Diago (mai/) 1.4 0.0	ominal Velocity of Propagation	1:					
Prior Prior Prior 01130 020000 020000 020000 020000 020000 020000 0200000 0200000 0200000 0200000 0200000 0200000 0200000 02000000 02000000 02000000 02000000 020000000 0200000000 02000000000 0200000000000000000000000000000000000							
Delay (neft) 1.5 Dor @ 20°C (Ohm/1000 f) 0.5 Dor @ 20°C (Ohm/1000 f) 1.5 Dor @ 20°C (Ohm/1000 f) 4.1 500 1.4 500 1.4 500 1.4 500 1.5 500 1.5 500 1.5 500 1.5 500 1.5 500 1.5 500 1.5 500 1.5 500 1.5 500 1.5 500 1.5 500 1.5 500 1.5 500 1.5 500 1.5 500 500 500 500 500 500 500 500							
1.54 Tom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 T) 1.0 Dorn add Outer Shield DC Resistance: DCR @ 20°C (Ohm/1000 T) 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1.5							
PCR @ 20° (Ohm/1000 ft) 10 CPC @ 20° (Ohm/1000 ft) 4.1 Image: Second Colspan="2">Second Colspan="2"Second Colspan="2"Second Colspan="2"Second Colspan="2							
10.8 Implicit DC Resistance: DCR @ 20° C (Ohm/1000 TI) 1 1 1	om. Conductor DC Resistance:	:					
DCR @ 20°C (Ohm/1000 ft) 4.1 Tom. Attonuation (dB/100 ft.) 1 4 10 1.4 50 3.3 100 4.9 200 7.3 400 11.5 700 17.0 900 20.0 100 21.5 Asx. Operating Voltage - Non-UL: Voltage 1000 V RMS cotes (Overall) Motes: Non-SWR swept version of RG-58. ture ture ture ture ture ture ture ture							
4.1 Image: Single Velocity of Colspan="2">Image: Single Velocity of Colspan="2" Single Velocity of Colspa= Singl	ominal Outer Shield DC Resist	ance:					
Image: Second							
Frag. (MH2) Attenuation (dB/100 ft.) 1 4 10 1.4 10 1.4 100 4.9 200 7.3 400 11.5 700 17.0 900 20.0 1000 21.5 tax. Operating Voltage - Non-UL: Voltage 1400 V RMS otes: Non-SWR swept version of RG-58. ut Ups and Colors: tax Dig Map Solo IB BLACK M17/155-00001 COAX 2822 010U100 1,000 FT 26.00 LB BLACK M17/155-00001 COAX 2822 01000 500 FT 13.500 LB BLACK M17/155-00001 COAX 2822 010100 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 2822 010100 1,000 FT 14.000 LB BLACK M17/155-00001 COAX 2822 010100 1000 FT 14.000 LB BLACK M17/155-00001 COAX	4.1						
1 4 10 1.4 10 1.4 50 3.3 100 4.9 200 7.3 400 11.5 700 17.0 900 20.0 1000 21.5 tax. Operating Voltage - Non-UL: Voltage 1400 V RMS otes (Overall) Notes: Non-SWR swept version of RG-58. tet # Putup Ship Weight Color Notes Netes M17/155-00001 COAX 2826 2010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 2826 2010U500 500 FT 13.500 LB BLACK M17/155-00001 COAX 2826 2010U00 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 2826 201000 500 FT 14.000 LB BLACK M17/155-00001 COAX 2826 20100 500 FT 14.000 LB BLACK M17/155-00001 COAX	om. Attenuation:						
In I.4 50 3.3 100 4.9 200 7.3 400 11.5 700 17.0 900 20.0 1000 21.5 Max. Operating Voltage - Non-UL: Voltage Voltage 1400 V RMS 1000 21.5 Voltage Non-SWR swept version of RG-58. Ut Ups and Colors: term # Putup Ship Weight Color Notes 262 010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 2826 2010U500 500 FT 13.500 LB BLACK M17/155-00001 COAX 2826 2010U500 500 FT 13.500 LB BLACK M17/155-00001 COAX 2826 201000 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 2826 201000 1000 FT 14.000 LB BLACK M17/155-00001 COAX 2826 201000 500 FT 14.000 LB BLACK M17/155-00001 COAX	Freq. (MHz) Attenuation (dB/	100 ft.)					
50 3.3 100 4.9 200 7.3 400 11.5 700 17.0 900 20.0 1000 21.5 Max. Operating Voltage - Non-UL: Voltage 1400 V RMS Notes: Non-SWR swept version of RG-58. Let Ups and Colors: Litem # 2000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 2826 2010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 2826 20101000 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 2826 2010100 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 2826 201000 500 FT 13.000 LB BLACK M17/155-00001 COAX 2826 2010500 500 FT 13.000 LB BLACK M17/155-00001 COAX 2826 2010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX 2826 2010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX 2826 2010500<	1.4						
100 4.9 200 7.3 400 11.5 700 17.0 900 20.0 1000 21.5 Ax. Operating Voltage - Non-UL: Voltage 1400 V RMS otes (Overall) Notes: Non-SWR swept version of RG-58. ut Ups and Colors: tem # Putup Ship Weight Color Notes Item Desc 8262 01001000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 8262 010000 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 8262 010000 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 8262 010500 500 FT 13.500 LB BLACK M17/155-00001 COAX 8262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX 8262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX 8262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX	10 1.4						
200 7.3 400 11.5 700 17.0 900 20.0 1000 21.5 Inter Special Spe	50 3.3						
400 11.5 700 17.0 900 20.0 1000 21.5 Aax. Operating Voltage - Non-UL: Voltage 1400 V RMS otes (Overall) Notes: Non-SWR swept version of RG-58. ut Ups and Colors: tem # Putup Ship Weight Color Notes Item Desc 2262 01001000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 2262 01001000 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 2262 010100 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 2262 010500 500 FT 13.500 LB BLACK M17/155-00001 COAX 2262 010500 500 FT 14.000 LB BLACK M17/155-00001 COAX 262 010500 500 FT 14.000 LB BLACK M17/155-00001 COAX 262 010500 500 FT 14.000 LB BLACK M17/155-00001 COAX							
TOO 17.0 900 20.0 1000 21.5 Max. Operating Voltage - Non-UL: Voltage 1 1000 V RMS 0 otes (Overall) Notes: Non-SWR swept version of RG-58. ut Ups and Colors: tem # Putup Ship Weight Color Notes Item Desc 2262 01001000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 2262 0100100 1000 FT 27.000 LB BLACK M17/155-00001 COAX 2262 01000 1,000 FT 27.000 LB BLACK C M17/155-00001 COAX 2262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX 2262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX 2262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX 2061 2062 2010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX 2061 2062 2010500 500 FT 14.000 LB							
900 20.0 1000 21.5 Jax. Operating Voltage - Non-UL: Voltage 1400 V RMS 1400 V RMS otes (Overall) Notes: Non-SWR swept version of RG-58. ut Ups and Colors: tem # Putup Ship Weight Color Notes Item Desc 3262 010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 3262 010U1000 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 3262 0101000 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 3262 0101000 500 FT 13.500 LB BLACK M17/155-00001 COAX 3262 0101000 500 FT 14.000 LB BLACK M17/155-00001 COAX 3262 010500 500 FT 14.000 LB BLACK M17/155-00001 COAX							
Interface Interface <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
Max. Operating Voltage - Non-UL: Voltage 1400 V RMS otes (Overall) Notes: Non-SWR swept version of RG-58. ut Ups and Colors: tem # Putup Ship Weight Color Notes Item Desc 3262 010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 3262 010U500 500 FT 13.500 LB BLACK M17/155-00001 COAX 3262 0101000 1,000 FT 27.000 LB BLACK C M17/155-00001 COAX 3262 0101000 500 FT 13.600 LB BLACK C M17/155-00001 COAX 3262 0101000 500 FT 14.000 LB BLACK C M17/155-00001 COAX 3262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX 3262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX							
Voltage 1400 V RMS otes (Overall) Notes: Non-SWR swept version of RG-58. ut Ups and Colors: tem # Putup Ship Weight Color Notes Item Desc S262 010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX S262 010U500 500 FT 13.500 LB BLACK M17/155-00001 COAX S262 0101000 1,000 FT 27.000 LB BLACK C M17/155-00001 COAX S262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX S262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX							
1400 V RMS Intest (Overall) Notes: Non-SWR swept version of RG-58. ut Ups and Colors: ut Ups and Colors: Item # Putup Ship Weight Color Notes 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 8262 010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 8262 0101000 1,000 FT 27.000 LB BLACK C M17/155-00001 COAX 8262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX Notes:		_:					
Motes: Non-SWR swept version of RG-58. ut Ups and Colors: Color Notes Item Desc 3262 010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 3262 010U500 500 FT 13.500 LB BLACK M17/155-00001 COAX 3262 010U000 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 3262 0101000 500 FT 13.500 LB BLACK C 3262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX S00 FT 14.000 LB BLACK C							
Notes: Non-SWR swept version of RG-58. ut Ups and Colors: Color Notes Item Desc 2262 010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 2262 010U500 500 FT 13.500 LB BLACK M17/155-00001 COAX 2262 0101000 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 2262 010500 500 FT 13.500 LB BLACK C 2262 010500 500 FT 14.000 LB BLACK C Votes: EVANCE M17/155-00001 COAX M17/155-00001 COAX	1400 V RMS						
Notes: Non-SWR swept version of RG-58. ut Ups and Colors: Color Notes Item Desc 2262 010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 2262 010U500 500 FT 13.500 LB BLACK M17/155-00001 COAX 2262 0101000 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 2262 010500 500 FT 13.500 LB BLACK C 2262 010500 500 FT 14.000 LB BLACK C Votes: EVANCE M17/155-00001 COAX M17/155-00001 COAX							
Putup Ship Weight Color Notes Item Desc 3262 010U1000 1,000 FT 26,000 LB BLACK M17/155-00001 COAX 3262 010U500 500 FT 13,500 LB BLACK M17/155-00001 COAX 3262 0101000 1,000 FT 27.000 LB BLACK M17/155-00001 COAX 3262 0101000 500 FT 13.500 LB BLACK C M17/155-00001 COAX 3262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX 3262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX							
Htem # Putup Ship Weight Color Notes Item Desc 8262 010U1000 1,000 FT 26,000 LB BLACK M17/155-00001 COAX 8262 010U500 500 FT 13,500 LB BLACK M17/155-00001 COAX 8262 0101000 1,000 FT 27,000 LB BLACK M17/155-00001 COAX 8262 010500 500 FT 14,000 LB BLACK C M17/155-00001 COAX 8262 010500 500 FT 14,000 LB BLACK C M17/155-00001 COAX	Notes: Non-SWR swept vers	sion of RG-58.					
B262 010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX B262 010U500 500 FT 13.500 LB BLACK M17/155-00001 COAX B262 0101000 1,000 FT 27.000 LB BLACK C M17/155-00001 COAX B262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX Notes: State State State State State State	It Ups and Colors:						
3262 010U1000 1,000 FT 26.000 LB BLACK M17/155-00001 COAX 3262 010U500 500 FT 13.500 LB BLACK M17/155-00001 COAX 3262 0101000 1,000 FT 27.000 LB BLACK C M17/155-00001 COAX 3262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX Alotes: Lotes: Lotes Lotes Lotes Lotes Lotes	em #	Putup	Ship Weight	Color	Notes	Item Desc	
3262 0101000 1,000 FT 27.000 LB BLACK C M17/155-00001 COAX 3262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX Idees:			26.000 LB				
3262 010500 500 FT 14.000 LB BLACK C M17/155-00001 COAX							
lotes:							
Notes: C = CRATE REEL PUT-UP.	262 010500	500 FT	14.000 LB	BLACK	С	M17/155-00001 COAX	
C = CRATE REEL PUT-UP.	otes:						
	= CRATE REEL PUT-UP.						

© 2016 Belden, Inc All Rights Reserved.

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Belden Wire & Cable:

<u>8262 010U500</u> <u>8262 0101000</u> <u>8262 010U1000</u> <u>8262 010500</u>