# **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

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ENGLISH MEASUREMENT VERSION

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#### 8262 Coax - 50 Ohm Coax

Image: section of control of the section of the section of control of the	ectrical Characteristics						
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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							
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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.						

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