

Detailed Specifications & Technical Data



9222 Coax - 50 Ohm Triax

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

		<p style="text-align: center;"> For more information please call 1-800-Belden1 </p> <p style="text-align: center;"> <u>See Put-ups and Colors</u> </p>
---	--	---

Description:

RG-58A/U type, 20 AWG stranded (7x28) .037" tinned copper conductor, polyethylene insulation, double tinned copper braid shield (96% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	58A/U
AWG	20
Stranding	7x28
Conductor Diameter	.037 in.
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PE - Polyethylene
Insulation Diameter	.114 in.

INNER SHIELD:

Inner Shield Type	Braid
Inner Shield Material	TC - Tinned Copper
Inner Shield % Coverage	95 %

INNER JACKET:

Inner Jacket Material	PE - Polyethylene
-----------------------	-------------------

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	TC - Tinned Copper
Outer Shield % Coverage	85 %

OUTER JACKET:

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

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.240 in.
--------------------------	----------

Detailed Specifications & Technical Data



9222 Coax - 50 Ohm Triax

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +75°C
Non-UL Temperature Rating	75°C
Bulk Cable Weight	37.2 lbs/1000 ft.
Max. Recommended Pulling Tension	83 lbs.
Min. Bend Radius (Install)	2.5 in.

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

PLENUM/NON-PLENUM:

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

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	50 Ohms
Nom. Inductance	.077 µH/ft
Nom. Capacitance Conductor to Shield	30.8 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	9.5 Ohms/1000 ft
Nom. Inner Shield DC Resistance	4.7 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg.C	4.3 Ohms/1000 ft

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			.5
	10			1.5
	50			3.3
	100			4.9
	200			7.2
	400			12.0
	500			14.0
	700			18.0
	900			22.0
	1000			24.0

Max. Operating Voltage - Non-UL 1400 V RMS

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9222 004U500	50 OHM TRIAX	U500	20.5	YELLOW	

Detailed Specifications & Technical Data



9222 Coax - 50 Ohm Triax

9222 004100	50 OHM TRIAX	100	4.6	YELLOW	
9222 004500	50 OHM TRIAX	500	19.5	YELLOW	C

C = CRATE REEL PUT-UP.

Revision Number: 1 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.

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

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)