

1192A Non-Paired - Four-Conductor Star Quad, Low-Impedance Cable

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

Description:

24 AWG stranded (42x40) high-conductivity bare copper conductors, polyethylene insulation, tinned copper braid shield (95% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	4
Total Number of Conductors	4
AWG	24
Stranding	42x40
Conductor Diameter	.024 in.
Conductor Material	SBC - Soft Bare Copper

INSULATION:

Insulation Material	PE - Polyethylene
Nom. Insulation Wall Thickness	.016 in.
Insulation Diameter	.056 in.

OVERALL CABLING:

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Blue	3	Blue w/White Stripe
2	White	4	White w/Blue Stripe

OUTER SHIELD:

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

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.045 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.245 in.
--------------------------	----------

MECHANICAL CHARACTERISTICS:

1192A Non-Paired - Four-Conductor Star Quad, Low-Impedance Cable

Operating Temperature Range	-30°C To +75°C
Non-UL Temperature Rating	75°C
Bulk Cable Weight	33 lbs/1000 ft.
Max. Recommended Pulling Tension	21 lbs.
Min. Bend Radius (Install)	2.45 in.

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	40 Ohms
Nom. Inductance	.21 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	39.2 pF/ft
Nom. Cap. Between Cond. in a Quad Config. @ 1 KHz	57.4 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	26.6 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	7.1 Ohms/1000 ft
Max. Operating Voltage - UL	100 V RMS

Max. Operating Voltage - Other :

Other Voltage	Description
18.0 kV	Nom. breakdown voltage between conductors
16.9 kV	Nom. breakdown voltage conductors to shield

Max. Recommended Current	2.9 Amps per conductor @ 25°C
Other Electrical Characteristic 1	2/c 21 AWG equivalent DCR when connected to a 3-pin XLR

NOTES:

Notes	Quad connection scheme: The two blue wires (or wires directly opposite one another) are connected together to form one conductor, and similarly the two white wires (or remaining wires) are connected together to form the second conductor.
-------	---

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1192A B59100	4 #24 PE SH PVC BLK MTT	100	4.1	BLACK, MATTE	
1192A B591000	4 #24 PE SH PVC BLK MTT	1000	37	BLACK, MATTE	C
1192A B59500	4 #24 PE SH PVC BLK MTT	500	16.5	BLACK, MATTE	C

1192A Non-Paired - Four-Conductor Star Quad, Low-Impedance Cable

1192A G7V1000	4 #24 PE SH PVC RED MTT	1000	37	RED, MATTE	C
1192A G7W1000	4 #24 PE SH PVC GRN MTT	1000	37	GREEN, MATTE	C
1192A G7X1000	4 #24 PE SH PVC BLU MTT	1000	37	BLUE, MATTE	C
1192A G7X500	4 #24 PE SH PVC BLU MTT	500	16.5	BLUE, MATTE	
1192A G8M1000	4 #24 PE SH PVC YEL MTT	1000	37	YELLOW, MATTE	
1192A U901000	4 #24 PE SH PVC GRY MTT	1000	37	GRAY, MATTE	C

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 07-27-2005

© 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.