Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1172A Multi-Conductor - Four-Conductor Star Quad, Low-Impedance Cable



For more Information please call

1-800-Belden1



General Description:

26 AWG stranded (30x40) high-conductivity BC conductors, polyethylene insulation, tinned copper "French Braid" shield (95% coverage), BC drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

		cramaning	Conductor Material	Dia. (in.)
4 26	3 30	0x40	SBC - Soft Bare Copper	.021

Total Number of Conductors:

Insulation

Insulation Material:



Outer Shield

Outer Shield Material:



Outer Shield Drain Wire AWG:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter:

EU Directive 2002/95/EC (RoHS):

EU Directive 2002/96/EC (WEEE):

EU Directive 2003/11/EC (BFR):

EU RoHS Compliance Date (mm/dd/yyyy):

0.190 in.

Yes

Yes

01/01/2004

Mechanical Characteristics (Overall)			
Operating Temperature Range:	-20°C To +60°C		
Non-UL Temperature Rating:	60°C		
Bulk Cable Weight:	25 lbs/1000 ft.		
Max. Recommended Pulling Tension:	37 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:	No		
EU Directive 2000/53/EC (ELV):	Yes		

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	CA Prop 65 (CJ for Wire & Cable):	Yes
	MII Order #39 (China RoHS):	Yes
Ple	num/Non-Plenum	
	Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

Nom. Inductance:

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Cap. Between Cond. in a Quad Config.:

Capacitance (pF/ft)

Nominal Velocity of Propagation:

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage 100 V RMS

Max. Recommended Current:

1.9 Amps per conductor @ 25°C

Other Electrical Characteristic 1:

2/c 23 AWG equivalent DCR when connected to a 3-pin XLR

Notes (Overall)

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 #	Putup	Ship Weight	Color	Notes	Item Desc	
1172A B591000	1,000 FT	26.000 LB	BLACK, MATTE	С	4 #26 PE FBRD PVC	
1172A B59500	500 FT	13.500 LB	BLACK, MATTE		4 #26 PE FBRD PVC	
1172A G7V1000	1,000 FT	26.000 LB	RED, MATTE		4 #26 PE FBRD PVC	
1172A G7W1000	1,000 FT	26.000 LB	GREEN, MATTE		4 #26 PE FBRD PVC	
1172A G7X1000	1,000 FT	26.000 LB	BLUE, MATTE		4 #26 PE FBRD PVC	
1172A G7Y1000	1,000 FT	26.000 LB	WHITE, MATTE		4 #26 PE FBRD PVC	
1172A G8M1000	1,000 FT	26.000 LB	YELLOW, MATTE		4 #26 PE FBRD PVC	
1172A U901000	1,000 FT	26.000 LB	GRAY, MATTE		4 #26 PE FBRD PVC	

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 10-04-2012

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